PB-242 589

FTP/SHORT CYCLE CORRELATION TESTING FOR 207 (b) IMPLEMENTATION - CATALYST EQUIPPED VEHICLES. VOLUME 2

J. A. Gunderson

Olson Laboratories, Incorporated

Prepared for:

Environmental Protection Agency

April 1975

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178107

EPA-460/3-75-003-b
April 1975

PB242589

FTP/SHORT CYCLE CORRELATION TESTING FOR 207 (b) IMPLEMENTATION - CATALYST EQUIPPED VEHICLES VOLUME 2

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Office of Air and Waste Management
Office of Mobile Source Air Pollution Control
Emission Control Technology Division
Ann Arbor, Michigan 48105

396

TECHNICAL REPORT DATA
(Please read Instructions on the reverse before completing)

1. REPORT NO. EPA-460/3-75-003-b	2.
3. PB 242 589	
4. TITLE AND SUBTITLE FTP/Short Cycle Correlation Testing for 207 (b) Implementation - Catalyst Equipped Vheicles Volume II	5. REPORT DATE April 1975
	6. PERFORMING ORGANIZATION CODE
7. AUTHOR(S) J. A. Gunderson	8. PERFORMING ORGANIZATION REPORT NO.
9. PERFORMING ORGANIZATION NAME AND ADDRESS Olson Laboratories, Inc. 421 East Cerritos Avenue Anaheim, California 92805	10. PROGRAM ELEMENT NO.
	11. CONTRACT/GRANT NO. Contract No. 68-03-0452
12. SPONSORING AGENCY NAME AND ADDRESS Environmental Protection Agency Office of Air & Waste Management OMSAPC, ECTO Ann Arbor, Michigan 48105	13. TYPE OF REPORT AND PERIOD COVERED Final
	14. SPONSORING AGENCY CODE
15. SUPPLEMENTARY NOTES	

16. ABSTRACT

Report contains emission data collected by the Federal Test Procedure and five short tests. The vehicles tested were catalyst equipped prototype cars loaned to EPA by the Ford Motor Company.

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Vehicle Testing 207 (b) Emissions		

PRICES SUBJECT TO CHANGE

18. DISTRIBUTION STATEMENT	19. SECURITY CLASS (This Report)	21. NO. OF PAGES
RELEASE UNLIMITED	Unclassified	396
	20. SECURITY CLASS (This page)	22. PRICE
	Unclassified	$10.25-2.25

EPA Form 2220-1 (9-73)

EPA-460/3-75-003-b

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Publication No. EPA-460/3-75-003-b

APPENDIX A

EMISSION TEST RESULTS

Some pages have been intentionally deleted from the 01/10/75 computer run.

TEST DATA FOR

FTP/SHORT CYCLE CORRELATION TESTING FOR 207(B) IMPLEMENTATION

CATALYST EQUIPPED VEHICLES

TASK ORDER 02

EPA CONTRACT NO. 68-03-0452

AMC

COMPUTER RUN DATE 01/10/75

VEHICLE NO. - T0284101 DATE RECEIVED - 09/04/74 PAGE 2

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J545193127 STATE - CA LIC NO - 35B 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 15168. DWELL - 25.0 TIMING - 11.3 IDLE RPM - 720. IDLE CO - 0.03

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 09/08/74 RUN NO - A06591 WB TEMP - 74.0 DB TEMP - 83.0 BARO - 29.76

A2

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	50.	40.	0.07	584.
LO	32.	42.	0.03	1460.
IDLE	0.	51.	0.03	187.

FEDERAL THREE-MODE TEST

HI	50.	32.	0.06	791.
LO	30.	50.	0.04	2331.
IDLE	0.	36.	0.03	92.

UNLOADED TEST

RPM - 2500. 60. 0.04 453.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 39.70 TEMP - 110. VOL/REV - 0.2858 REV COUNT - 2810.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	33.	54.	1.67	41.		
BACKGROUND (CONCENTRATION)	7.	5.	0.09	0.		
MASS EMISSIONS (GM/MI)	0.45	1.72	872.20	2.37	NOX(CORR.) 2.86	HUCF 1.208

COMPOSITE NJ/NY TEST
INLET PRESS. - 39.70 TEMP - 110. VOL/REV - 0.2858 REV COUNT - 1694.

SAMPLE (CONCENTRATION)	33.	70.	1.38	19.
BACKGROUND (CONCENTRATION)	7.	3.	0.11	0.

VEHICLE NO. - T0284101 DATE RECEIVED - 09/04/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 09/09/74 RUN NO - A06593 WB TEMP - 73.0 DB TEMP - 81.0 BARO - 29.79

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	50.	28.	0.05	610.
LO	32.	30.	0.03	1460.
IDLE	0.	41.	0.03	119.

FEDERAL THREE-MODE TEST

A3

HI	50.	22.	0.06	765.
LO	30.	27.	0.03	2132.
IDLE	0.	21.	0.03	79.

UNLOADED TEST

RPM - 2500.	40.	0.03	440.	

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 39.60 TEMP - 110. VOL/REV - 0.2858 REV COUNT - 2800.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	40.	66.	1.64	55.		
BACKGROUND (CONCENTRATION)	9.	7.	0.12	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.54	2.07	836.09	3.16	3.76	1.190

COMPOSITE NJ/NY TEST

INLET PRESS. - 39.60 TEMP - 110. VOL/REV - 0.2858 REV COUNT - 1687.

SAMPLE (CONCENTRATION)	56.	407.	1.35	23.
BACKGROUND (CONCENTRATION)	8.	3.	0.09	0.

VEHICLE NO. - T0284101 DATE RECEIVED - 09/04/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 09/11/74 RUN NO - A06598 WB TEMP - 67.0 DB TEMP - 70.0 BARO - 29.76
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 15214.

COLD START
INLET PRESS. - 39.80 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 11615.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	100.	391.	2.44	64.		
BACKGROUND (CONCENTRATION)	7.	4.	0.04	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	4.19	35.17	3427.01	9.56	10.52	1.101

COLD STABILIZED
INLET PRESS. - 39.80 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 19916.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	26.	25.	1.63	26.		
BACKGROUND (CONCENTRATION)	7.	3.	0.12	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.47	3.43	3697.12	6.66	7.33	1.101

HOT START
INLET PRESS. - 39.80 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 11618.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	62.	182.	2.22	57.		
BACKGROUND (CONCENTRATION)	8.	5.	0.07	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.43	16.09	3070.82	8.51	9.37	1.101

COMPOSITE

MASS EMISSIONS (GM/MI)	0.62	3.70	922.81	2.08	2.29

FUEL ECONOMY (MPG) - 9.54

COMMENT :

A4

VEHICLE NO. - T0284101 DATE RECEIVED - 09/04/74

SHORT TEST SEQUENCE NUMBER - 3.

TEST COND : RUN DATE - 09/11/74 RUN NO - A06598 WB TEMP - 67.0 DB TEMP - 70.0 BARO - 29.76

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	50.	32.	0.06	662.
LO	32.	40.	0.03	1448.
IDLE	0.	51.	0.03	173.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.07	816.
LO	30.	49.	0.03	2417.
IDLE	0.	39.	0.03	79.

UNLOADED TEST

RPM - 2500. 35. 0.03 480.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 39.80 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 2810.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	37.	85.	1.56	54.		
BACKGROUND (CONCENTRATION)	7.	12.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.52	2.56	827.74	3.12	3.43	1.101

COMPOSITE NJ/NY TEST
INLET PRESS. - 39.80 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 1738.

SAMPLE (CONCENTRATION)	35.	46.	1.32	19.
BACKGROUND (CONCENTRATION)	7.	7.	0.08	0.

VEHICLE NO. - TI894102 DATE RECEIVED - 09/04/74 PAGE 7

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J546192973 STATE - CA LIC NO - 35D 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 6655. DWELL - 30.0 TIMING - 12.0 IDLE RPM - 725. IDLE CO - 0.02

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 09/12/74 RUN NO - A06604 WB TEMP - 69.0 DB TEMP - 76.0 BARO - 29.85

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.05	636.
LO	33.	28.	0.07	1412.
IDLE	0.	30.	0.05	267.

FEDERAL THREE-MODE TEST

HI	50.	25.	0.05	867.
LO	30.	28.	0.03	2417.
IDLE	0.	20.	0.06	92.

UNLOADED TEST

RPM - 2500. 20. 0.03 584.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 42.00 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 2810.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	18.	26.	1.59	57.		
BACKGROUND (CONCENTRATION)	6.	0.	0.06	0.		
MASS EMISSIONS (GM/MI)	0.21	0.91	839.87	3.27	NOX(CORR.) 3.60	HUCF 1.102

COMPOSITE NJ/NY TEST
INLET PRESS. - 42.00 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 1697.

SAMPLE (CONCENTRATION)	18.	20.	1.40	31.
BACKGROUND (CONCENTRATION)	5.	0.	0.07	0.

A6

VEHICLE NO. - T1894102 DATE RECEIVED - 09/04/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 09/13/74 RUN NO - A06609 WB TEMP - 65.0 DB TEMP - 70.0 BARO - 29.83
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 6669.

COLD START
INLET PRESS. - 40.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 11617.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	49.	242.	2.52	63.		
BACKGROUND (CONCENTRATION)	9.	7.	0.08	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.80	21.40	3490.69	9.42	9.85	1.045

COLD STABILIZED
INLET PRESS. - 40.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 19905.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	14.	24.	1.62	32.		
BACKGROUND (CONCENTRATION)	8.	3.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.46	3.28	3823.96	8.20	8.57	1.045

HOT START
INLET PRESS. - 40.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 11610.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	97.	161.	2.20	64.		
BACKGROUND (CONCENTRATION)	8.	4.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	4.01	14.29	3059.66	9.57	10.00	1.045
COMPOSITE						
MASS EMISSIONS (GM/MI)	0.47	2.75	942.53	2.36	2.47	
FUEL ECONOMY (MPG) - 9.36						

COMMENT :

VEHICLE NO. - T1894102 DATE RECEIVED - 09/04/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 09/13/74 RUN NO - A06609 WB TEMP - 65.0 DB TEMP - 70.0 BARO - 29.83

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	20.	0.04	688.
LO	33.	21.	0.03	1436.
IDLE	0.	21.	0.02	241.

FEDERAL THREE-MODE TEST

HI	50.	22.	0.04	816.
LO	30.	28.	0.04	2442.
IDLE	0.	20.	0.03	79.

UNLOADED TEST

RPM - 2500.	20.	0.05	160.	

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 40.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 2810.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	20.	23.	1.58	62.		
BACKGROUND (CONCENTRATION)	8.	6.	0.10	0.		
MASS EMISSIONS (GM/MI)	0.21	0.60	816.42	3.58	NOX(CORR.) 3.74	HUCF 1.045

COMPOSITE NJ/NY TEST

INLET PRESS. - 40.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 1[illegible]8.

SAMPLE (CONCENTRATION)	20.	20.	1.30	25.
BACKGROUND (CONCENTRATION)	7.	3.	0.09	0.

VEHICLE NO. - T1894102 DATE RECEIVED - 09/04/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 09/14/74 RUN NO - A06617 WB TEMP - 67.0 DB TEMP - 71.0 BARO - 29.93
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 6688.

COLD START
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 11622.

	HC	CO	CO2	NOX	NOX(CORR.)	HUCF
SAMPLE (CONCENTRATION)	48.	251.	2.46	59.		
BACKGROUND (CONCENTRATION)	7.	7.	0.08	0.		
MASS EMISSIONS (GRAMS)	1.85	22.26	3411.67	8.84	9.62	1.088

COLD STABILIZED
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 19947.

	HC	CO	CO2	NOX	NOX(CORR.)	HUCF
SAMPLE (CONCENTRATION)	14.	22.	1.58	31.		
BACKGROUND (CONCENTRATION)	7.	3.	0.06	0.		
MASS EMISSIONS (GRAMS)	0.54	2.98	3739.64	7.97	8.68	1.088

HOT START
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 11602.

	HC	CO	CO2	NOX	NOX(CORR.)	HUCF
SAMPLE (CONCENTRATION)	37.	104.	2.16	57.		
BACKGROUND (CONCENTRATION)	7.	3.	0.06	0.		
MASS EMISSIONS (GRAMS)	1.35	9.20	3005.11	8.53	9.28	1.088

COMPOSITE

MASS EMISSIONS (GM/MI)	0.28	2.37	922.61	2.22	2.41

FUEL ECONOMY (MPG) - 9.57

COMMENT :

A9

VEHICLE NO. - T1894102 DATE RECEIVED - 09/04/74

SHORT TEST SEQUENCE NUMBER - 3.

TEST COND : RUN DATE - 09/14/74 RUN NO - A06617 WB TEMP - 67.0 DB TEMP - 71.0 BARO - 29.93

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	28.	0.04	584.
LO	34.	30.	0.03	1412.
IDLE	0.	29.	0.03	267.

FEDERAL THREE-MODE TEST

HI	50.	28.	0.05	791.
LO	30.	35.	0.04	2442.
IDLE	0.	25.	0.03	79.

UNLOADED TEST

RPM - 2500. 26. 0.04 506.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 2819.

	HC	CO	CO2	NOX	NOX(CORR.)	HUCF
SAMPLE (CONCENTRATION)	23.	23.	1.54	67.		
BACKGROUND (CONCENTRATION)	8.	2.	0.05	0.		
MASS EMISSIONS (GM/MI)	0.26	0.74	823.70	3.87	4.21	1.088

COMPOSITE NJ/NY TEST

INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 1676.

SAMPLE (CONCENTRATION)	19.	18.	1.41	29.
BACKGROUND (CONCENTRATION)	6.	3.	0.07	0.

A10

VEHICLE NO. - T2434103 DATE RECEIVED - 09/04/74

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54193342F STATE - CA LIC NO - 35G 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 15199. DWELL - 25.0 TIMING - 13.0 IDLE RPM - 700. IDLE CO - 0.01

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 09/14/74 RUN NO - A06618 WB TEMP - 68.0 DB TEMP - 73.0 BARO - 29.92

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	28.	0.07	558.
LO	34.	30.	0.03	1436.
IDLE	0.	35.	0.03	119.

FEDERAL THREE-MODE TEST

HI	50.	28.	0.06	791.
LO	30.	40.	0.04	2352.
IDLE	0.	32.	0.03	79.

UNLOADED TEST

RPM - 2500.	60.	0.04	119.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.60 TEMP - 110. VOL/REV - 0.2852 REV COUNT - 2798.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	25.	35.	1.56	55.		
BACKGROUND (CONCENTRATION)	7.	3.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.31	1.12	822.77	3.15	3.47	1.099

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.60 TEMP - 110. VOL/REV - 0.2852 REV COUNT - 1659.

SAMPLE (CONCENTRATION)	24.	20.	1.40	24.
BACKGROUND (CONCENTRATION)	6.	2.	0.07	0.

VEHICLE NO. - T2434103 DATE RECEIVED - 09/04/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 09/15/74 RUN NO - A06621 WB TEMP - 67.0 DB TEMP - 74.0 BARO - 29.94
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 15216.

COLD START
INLET PRESS. - 40.20 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 11623.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	68.	322.	2.59	61.		
BACKGROUND (CONCENTRATION)	8.	4.	0.08	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.72	29.06	3604.15	9.16	9.71	1.060

COLD STABILIZED
INLET PRESS. - 40.20 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 19922.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	20.	20.	1.64	30.		
BACKGROUND (CONCENTRATION)	8.	3.	0.07	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.93	2.66	3064.06	7.72	8.19	1.060

HOT START
INLET PRESS. - 40.20 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 11617.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	131.	200.	2.25	54.		
BACKGROUND (CONCENTRATION)	8.	3.	0.07	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	5.57	18.00	3128.68	8.10	8.59	1.060

COMPOSITE

MASS EMISSIONS (GM/MI)	0.70	3.39	959.63	2.17	2.30

FUEL ECONOMY (MPG) - 9.18

COMMENT :

VEHICLE NO. - T2434103 DATE RECEIVED - 09/04/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 09/15/74 RUN NO - A06621 WB TEMP - 67.0 DB TEMP - 74.0 BARO - 29.94

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.06	636.
LO	34.	32.	0.03	1484.
IDLE	0.	31.	0.03	146.

FEDERAL THREE-MODE TEST

HI	50.	32.	0.06	842.
LO	30.	38.	0.03	2442.
IDLE	0.	31.	0.03	52.

UNLOADED TEST

RPM - 2500. 40. 0.04 532.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.20 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 2805.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	29.	22.	1.60	58.		
BACKGROUND (CONCENTRATION)	8.	3.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.36	0.67	847.71	3.34	3.54	1.060

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.20 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 1698.

SAMPLE (CONCENTRATION)	27.	25.	1.33	23.
BACKGROUND (CONCENTRATION)	8.	3.	0.10	0.

VEHICLE NO. - T2434103 DATE RECEIVED - 09/04/74 PAGE 15

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 09/16/74 RUN NO - A06624 WB TEMP - 66.0 DB TEMP - 70.0 BARO - 29.93
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 15236.

COLD START
INLET PRESS. - 40.50 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 11595.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	71.	376.	2.56	57.		
BACKGROUND (CONCENTRATION)	8.	7.	0.06	0.		
MASS EMISSIONS (GRAMS)	2.84	33.58	3574.39	8.52	NOX(CORR.) 9.11	HUCF 1.070

COLD STABILIZED
INLET PRESS. - 40.50 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 19932.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	22.	22.	1.61	27.		
BACKGROUND (CONCENTRATION)	10.	9.	0.06	0.		
MASS EMISSIONS (GRAMS)	0.93	2.03	3809.54	6.94	NOX(CORR.) 7.42	HUCF 1.070

HOT START
INLET PRESS. - 40.50 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 11603.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	65.	163.	2.24	51.		
BACKGROUND (CONCENTRATION)	8.	6.	0.07	0.		
MASS EMISSIONS (GRAMS)	2.57	14.30	3104.71	7.63	NOX(CORR.) 8.16	HUCF 1.070

COMPOSITE

MASS EMISSIONS (GM/MI)	0.48	3.28	948.83	1.99	2.13	
FUEL ECONOMY (MPG) - 9.29						

COMMENT :

A14

VEHICLE NO. - T2434103 DATE RECEIVED - 09/04/74 PAGE 16

SHORT TEST SEQUENCE NUMBER - 3.

TEST COND : RUN DATE - 09/16/74 RUN NO - A06624 WB TEMP - 66.0 DB TEMP - 70.0 BARO - 29.93

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.05	558.
LO	34.	31.	0.02	1388.
IDLE	0.	32.	0.02	106.

FEDERAL THREE-MODE TEST

HI	50.	32.	0.04	842.
LO	30.	35.	0.03	2309.
IDLE	0.	30.	0.02	79.

A15

UNLOADED TEST

RPM - 2500. 60. 0.03 119.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.50 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 2818.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	36.	20.	1.55	67.		
BACKGROUND (CONCENTRATION)	9.	8.	0.09	0.		
MASS EMISSIONS (GM/MI)	0.47	0.42	806.83	3.87	NOX(CCRR.) 4.14	HUCF 1.070

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.50 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 1682.

SAMPLE (CONCENTRATION)	28.	25.	1.35	25.
BACKGROUND (CONCENTRATION)	8.	6.	0.08	0.

VEHICLE NO. - T2434103 DATE RECEIVED - 09/04/74 PAGE 17

FEDERAL TEST PROCEDURE (1975) NUMBER - 3.
TEST COND : RUN DATE - 09/17/74 RUN NO - A06631 WB TEMP - 66.0 DB TEMP - 70.0 BARO - 29.86
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 15255.

COLD START
INLET PRESS. - 40.30 TEMP - 110. VOL/REV - 0.2854 REV COUNT - 11550.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	64.	340.	2.59	58.		
BACKGROUND (CONCENTRATION)	9.	6.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.47	30.23	3597.11	8.62	9.23	1.071

COLD STABILIZED
INLET PRESS. - 40.30 TEMP - 110. VOL/REV - 0.2854 REV COUNT - 19804.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	20.	19.	1.56	27.		
BACKGROUND (CONCENTRATION)	8.	7.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.92	1.86	3656.75	6.88	7.37	1.071

HOT START
INLET PRESS. - 40.30 TEMP - 110. VOL/REV - 0.2854 REV COUNT - 11628.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	86.	205.	2.21	51.		
BACKGROUND (CONCENTRATION)	9.	6.	0.08	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	3.47	18.13	3048.84	7.63	8.17	1.071

COMPOSITE

MASS EMISSIONS (GM/MI)	0.53	3.36	925.51	1.99	2.13
FUEL ECONOMY (MPG) - 9.52					

COMMENT :

VEHICLE NO. - T0484104 DATE RECEIVED - 09/04/74

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193147 STATE - CA LIC NO - 35E014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 6987. DWELL - 26.0 TIMING - 12.0 IDLE RPM - 700. IDLE CO - 0.0

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 09/10/74 RUN NO - A06597 WB TEMP - 73.0 DB TEMP - 80.0 BARO - 29.77

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	50.	30.	0.03	662.
LO	30.	32.	0.03	1291.
IDLE	0.	32.	0.03	133.

FEDERAL THREE-MODE TEST

HI	50.	22.	0.03	918.
LO	30.	30.	0.03	2287.
IDLE	0.	25.	0.03	65.

UNLOADED TEST

RPM - 2500.	50.	0.03	427.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 39.70 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 2812.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	17.	11.	1.67	74.		
BACKGROUND (CONCENTRATION)	8.	6.	0.10	0.		
MASS EMISSIONS (GM/MI)	0.16	0.18	866.69	4.27	NOX(CORR.) 5.14	HUCF 1.202

COMPOSITE NJ/NY TEST
INLET PRESS. - 39.70 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 1682.

SAMPLE (CONCENTRATION)	15.	8.	1.29	24.
BACKGROUND (CONCENTRATION)	7.	4.	0.08	0.

A17

VEHICLE NO. - T0484104 DATE RECEIVED - 09/04/74 PAGE 19

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 09/11/74 RUN NO - A066CO WB TEMP - 69.0 DB TEMP - 74.0 BARO - 29.78
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 7000.

COLD START
INLET PRESS. - 39.50 TEMP - 110. VOL/REV - 0.2859 REV COUNT - 11781.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	47.	82.	2.61	69.		
BACKGROUND (CONCENTRATION)	6.	6.	0.07	0.		
MASS EMISSIONS (GRAMS)	1.88	7.02	3687.10	10.47	NOX(CORR.) 11.76	HUCF 1.123

COLD STABILIZED
INLET PRESS. - 39.50 TEMP - 110. VOL/REV - 0.2859 REV COUNT - 19910.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	11.	8.	1.64	29.		
BACKGROUND (CONCENTRATION)	7.	3.	0.06	0.		
MASS EMISSIONS (GRAMS)	0.31	0.78	3876.12	7.44	NOX(CORR.) 8.35	HUCF 1.123

HOT START
INLET PRESS. - 39.50 TEMP - 110. VOL/REV - 0.2859 REV COUNT - 11609.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	41.	83.	2.26	60.		
BACKGROUND (CONCENTRATION)	8.	4.	0.08	0.		
MASS EMISSIONS (GRAMS)	1.49	7.19	3118.32	8.97	NOX(CORR.) 10.08	HUCF 1.123

COMPOSITE

MASS EMISSIONS (GM/MI)	0.26	1.05	965.20	2.27	2.55	
FUEL ECONOMY (MPG) - 9.17						

COMMENT :

VEHICLE NO. - T0484104 DATE RECEIVED - 09/04/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 09/11/74 RUN NO - A066CO WB TEMP - 69.0 DB TEMP - 74.0 BARO - 29.78

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	50.	22.	0.03	763.
LO	32.	29.	0.03	1530.
IDLE	0.	25.	0.02	160.

FEDERAL THREE-MODE TEST

HI	50.	25.	0.03	1094.
LO	30.	28.	0.03	2417.
IDLE	0.	23.	0.03	106.

UNLOADED TEST

RPM - 2500. 42. 0.04 133.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 39.50 TEMP - 110. VOL/REV - 0.2859 REV COUNT - 2814.

	HC	CO	CO2	NOX	NOX(CORR.)	HUCF
SAMPLE (CONCENTRATION)	16.	11.	1.57	61.		
BACKGROUND (CONCENTRATION)	7.	5.	0.09	0.		
MASS EMISSIONS (GM/MI)	0.16	0.21	818.44	3.53	3.96	1.123

COMPOSITE NJ/NY TEST

INLET PRESS. - 39.50 TEMP - 110. VOL/REV - 0.2859 REV COUNT - 1700.

SAMPLE (CONCENTRATION)	15.	11.	1.30	24.
BACKGROUND (CONCENTRATION)	6.	4.	0.08	0.

VEHICLE NO. - T0484104 DATE RECEIVED - 09/04/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 09/12/74 RUN NO - A06602 WB TEMP - 66.0 DB TEMP - 71.0 BARO - 29.83
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 7022.

COLD START
INLET PRESS. - 40.00 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 11633.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	128.	157.	2.60	68.		
BACKGROUND (CONCENTRATION)	8.	9.	0.07	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	5.42	13.49	3623.16	10.18	10.82	1.062

COLD STABILIZED
INLET PRESS. - 40.00 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 19902.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	11.	10.	1.62	29.		
BACKGROUND (CONCENTRATION)	8.	6.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.23	0.62	3822.05	7.43	7.89	1.062

HOT START
INLET PRESS. - 40.00 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 11619.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	33.	85.	2.25	60.		
BACKGROUND (CONCENTRATION)	7.	4.	0.05	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.17	7.37	3146.78	8.97	9.53	1.062

COMPOSITE

MASS EMISSIONS (GM/MI)	0.43	1.42	956.49	2.26	2.40

FUEL ECONOMY (MPG) - 9.24

COMMENT :

VEHICLE NO. - T0484104 DATE RECEIVED - 09/04/74

SHORT TEST SEQUENCE NUMBER - 3.

TEST COND : RUN DATE - 09/12/74 RUN NO - A06602 WB TEMP - 66.0 DB TEMP - 71.0 BARO - 29.83

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	50.	30.	0.03	662.
LO	32.	32.	0.03	1388.
IDLE	0.	30.	0.03	133.

FEDERAL THREE-MODE TEST

HI	50.	35.	0.03	994.
LO	30.	40.	0.03	2417.
IDLE	0.	33.	0.02	76.

A21

UNLOADED TEST

RPM - 2500.	50.	0.03	453.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 40.00 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 2805.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	15.	10.	1.53	65.		
BACKGROUND (CONCENTRATION)	6.	5.	0.09	0.		
MASS EMISSIONS (GM/MI)	0.16	0.18	792.67	3.74	NOX(CORR.) 3.97	HUCF 1.062

COMPOSITE NJ/NY TEST

INLET PRESS. - 40.00 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 1690.

SAMPLE (CONCENTRATION)	13.	6.	1.25	27.
BACKGROUND (CONCENTRATION)	6.	3.	0.08	0.

VEHICLE NO. - T0484104 DATE RECEIVED - 09/04/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 3.
TEST COND : RUN DATE - 09/13/74 RUN NO - A06610 WB TEMP - 66.0 DB TEMP - 73.0 BARO - 29.85
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 7042.

COLD START
INLET PRESS. - 39.90 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 11590.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	45.	107.	2.54	70.		
BACKGROUND (CONCENTRATION)	7.	3.	0.07	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.71	9.46	3528.98	10.46	10.92	1.044

COLD STABILIZED
INLET PRESS. - 39.90 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 19910.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	11.	7.	1.60	29.		
BACKGROUND (CONCENTRATION)	7.	3.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.31	0.62	3779.73	7.44	7.77	1.044

HOT START
INLET PRESS. - 39.90 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 11618.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	23.	64.	2.17	61.		
BACKGROUND (CONCENTRATION)	8.	2.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.68	5.65	3021.92	9.13	9.54	1.044
COMPOSITE						
MASS EMISSIONS (GM/MI)	0.19	1.06	935.96	2.29	2.39	

FUEL ECONOMY (MPG) - 9.46

COMMENT :

VEHICLE NO. - T0234105 DATE RECEIVED - 09/04/74

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193122 STATE - CA LIC NO - 33H 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 21
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 17596. DWELL - 30.0 TIMING - 12.0 IDLE RPM - 660. IDLE CO - 0.02

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 09/08/74 RUN NO - A06590 WB TEMP - 73.0 DB TEMP - 80.0 BARO - 29.77

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	25.	0.05	714.
LO	33.	22.	0.03	1242.
IDLE	0.	28.	0.03	144.

FEDERAL THREE-MODE TEST

HI	50.	25.	0.05	969.
LO	30.	22.	0.03	2396.
IDLE	0.	30.	0.03	79.

UNLOADED TEST

RPM - 2500.	21.	0.03	493.	

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 39.70 TEMP - 110. VOL/REV - 0.2858 REV COUNT - 2808.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	23.	23.	1.58	39.		
BACKGROUND (CONCENTRATION)	9.	2.	0.06	0.		
MASS EMISSIONS (GM/MI)	0.24	0.74	838.48	2.25	NOX(CORR.) 2.70	HUCF 1.202

COMPOSITE NJ/NY TEST
INLET PRESS. - 39.70 TEMP - 110. VOL/REV - 0.2858 REV COUNT - 1697.

SAMPLE (CONCENTRATION)	22.	25.	1.24	22.
BACKGROUND (CONCENTRATION)	7.	4.	0.10	0.

VEHICLE NO. - T0234105 DATE RECEIVED - 09/04/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 09/10/74 RUN NO - A06596 WB TEMP - 69.0 DB TEMP - 73.0 BARO - 29.77
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 17608.

COLD START
INLET PRESS. - 39.60 TEMP - 110. VOL/REV - 0.2858 REV COUNT - 11605.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	61.	443.	2.59	77.		
BACKGROUND (CONCENTRATION)	8.	7.	0.08	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.39	39.64	3585.55	11.50	13.04	1.133

COLD STABILIZED
INLET PRESS. - 39.60 TEMP - 110. VOL/REV - 0.2858 REV COUNT - 19904.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	17.	20.	1.60	27.		
BACKGROUND (CONCENTRATION)	8.	7.	0.09	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.70	2.03	3699.60	6.92	7.84	1.133

HOT START
INLET PRESS. - 39.60 TEMP - 110. VOL/REV - 0.2858 REV COUNT - 11603.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	75.	269.	2.19	47.		
BACKGROUND (CONCENTRATION)	8.	7.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	3.02	23.82	3042.19	7.02	7.96	1.133

COMPOSITE

MASS EMISSIONS (GM/MI)	0.46	4.35	930.06	2.11	2.40

FUEL ECONOMY (MPG) - 9.46

COMMENT :

VEHICLE NO. - T0234105 DATE RECEIVED - 09/04/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 09/10/74 RUN NO - A06596 WB TEMP - 69.0 DB TEMP - 73.0 BARO - 29.77

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.04	688.
LO	33.	32.	0.03	1315.
IDLE	0.	35.	0.03	133.

FEDERAL THREE-MODE TEST

HI	50.	23.	0.04	918.
LO	30.	35.	0.03	2309.
IDLE	0.	22.	0.03	52.

UNLOADED TEST

RPM - 2500.	28.	0.03	427.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 39.60 TEMP - 110. VOL/REV - 0.2858 REV COUNT - 2800.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	28.	22.	1.52	58.		
BACKGROUND (CONCENTRATION)	8.	6.	0.10	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.35	0.56	781.08	3.34	3.78	1.133

COMPOSITE NJ/NY TEST

INLET PRESS. - 39.60 TEMP - 110. VOL/REV - 0.2858 REV COUNT - 1678.

SAMPLE (CONCENTRATION)	21.	20.	1.25	21.
BACKGROUND (CONCENTRATION)	7.	7.	0.08	0.

VEHICLE NO. - T0234105 DATE RECEIVED - 09/04/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 09/11/74 RUN NO - A06599 WB TEMP - 67.0 DB TEMP - 71.0 BARO - 29.78
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 17630.

COLD START
INLET PRESS. - 39.70 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 11602.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	63.	465.	2.56	77.		
BACKGROUND (CONCENTRATION)	7.	6.	0.10	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.52	41.71	3512.33	11.49	12.54	1.091

COLD STABILIZED
INLET PRESS. - 39.70 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 19909.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	15.	25.	1.58	28.		
BACKGROUND (CONCENTRATION)	7.	4.	0.08	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.62	3.27	3675.09	7.17	7.83	1.091

HOT START
INLET PRESS. - 39.70 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 11611.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	86.	290.	2.17	48.		
BACKGROUND (CONCENTRATION)	6.	4.	0.08	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	3.60	26.01	2986.37	7.17	7.82	1.091

COMPOSITE

MASS EMISSIONS (GM/MI)	0.50	4.80	918.35	2.16	2.36

FUEL ECONOMY (MPG) - 9.57

COMMENT :

VEHICLE NO. - T0234105 DATE RECEIVED - 09/04/74 PAGE 28

SHORT TEST SEQUENCE NUMBER - 3.

TEST COND : RUN DATE - 09/11/74 RUN NO - A06599 WB TEMP - 67.0 DB TEMP - 71.0 BARO - 29.78

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.04	688.
LO	33.	35.	0.02	1168.
IDLE	0.	35.	0.03	119.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.02	969.
LO	30.	33.	0.01	2374.
IDLE	0.	31.	0.02	79.

A27

UNLOADED TEST

RPM - 2500.	29.	0.02	227.	

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 39.70 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 2803.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	26.	20.	1.52	56.		
BACKGROUND (CONCENTRATION)	7.	5.	0.09	0.		
MASS EMISSIONS (GM/MI)	0.33	0.53	787.15	3.22	NOX(CORR.) 3.52	HUCF 1.091

COMPOSITE NJ/NY TEST

INLET PRESS. - 39.70 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 1682.

SAMPLE (CONCENTRATION)	22.	26.	1.27	20.
BACKGROUND (CONCENTRATION)	7.	4.	0.08	0.

VEHICLE NO. - T2044106 DATE RECEIVED - 09/04/74 PAGE 29

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193303 STATE - CA LIC NO - 33M 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 18978. DWELL - 30.0 TIMING - 13.0 IDLE RPM - 685. IDLE CO - 0.02

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 09/10/74 RUN NO - A06595 WB TEMP - 68.0 DB TEMP - 71.0 BARO - 29.77

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.07	480.
LO	33.	32.	0.04	1242.
IDLE	0.	35.	0.03	146.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.07	584.
LO	30.	40.	0.06	321.
IDLE	0.	50.	0.04	52.

UNLOADED TEST

RPM - 2500. 35. 0.05 466.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 39.60 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 2796.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	39.	57.	1.60	37.		
BACKGROUND (CONCENTRATION)	9.	7.	0.07	0.		
MASS EMISSIONS (GM/MI)	0.52	1.75	840.09	2.12	NOX(CORR.) 2.38	HUCF 1.122

COMPOSITE NJ/NY TEST
INLET PRESS. - 39.60 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 1694.

SAMPLE (CONCENTRATION)	34.	40.	1.31	19.
BACKGROUND (CONCENTRATION)	8.	5.	0.09	0.

VEHICLE NO. - T2044106 DATE RECEIVED - 09/04/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 09/11/74 RUN NO - A06601 WB TEMP - 72.0 DB TEMP - 80.0 BARO - 29.76

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	23.	0.06	480.
LO	33.	28.	0.04	1291.
IDLE	0.	35.	0.03	187.

FEDERAL THREE-MODE TEST

HI	50.	22.	0.06	610.
LO	30.	30.	0.05	347.
IDLE	0.	25.	0.03	65.

A29

UNLOADED TEST

RPM - 2500.	29.	0.06	92.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 39.60 TEMP - 110. VOL/REV - 0.2859 REV COUNT - 2805.

	HC	CO	CO2	NOX	NOX(CORR.)	HUCF
SAMPLE (CONCENTRATION)	31.	48.	1.60	39.		
BACKGROUND (CONCENTRATION)	8.	4.	0.08	0.		
MASS EMISSIONS (GM/MI)	0.40	1.54	837.87	2.25	2.62	1.164

COMPOSITE NJ/NY TEST
INLET PRESS. - 39.60 TEMP - 110. VOL/REV - 0.2859 REV COUNT - 1658.

SAMPLE (CONCENTRATION)	27.	45.	1.29	20.
BACKGROUND (CONCENTRATION)	6.	2.	0.09	0.

VEHICLE NO. - T2044106 DATE RECEIVED - 09/04/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.

TEST COND : RUN DATE - 09/12/74 RUN NO - A06603 WB TEMP - 67.0 DB TEMP - 72.0 BARO - 29.84
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 19013.

COLD START

INLET PRESS. - 39.90 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 11615.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	69.	396.	2.65	57.		
BACKGROUND (CONCENTRATION)	6.	4.	0.09	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.84	35.71	3664.09	8.53	9.22	1.081

COLD STABILIZED

INLET PRESS. - 39.90 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 19905.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	20.	44.	1.60	28.		
BACKGROUND (CONCENTRATION)	6.	2.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.08	6.56	3777.38	7.18	7.76	1.081

HOT START

INLET PRESS. - 39.90 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 11586.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	72.	164.	2.23	52.		
BACKGROUND (CONCENTRATION)	6.	3.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.97	14.63	3098.13	7.76	8.39	1.081

COMPOSITE

MASS EMISSIONS (GM/MI)	0.53	4.03	949.18	2.04	2.20

FUEL ECONOMY (MPG) - 9.27

COMMENT :

A80

VEHICLE NO. - T2044106 DATE RECEIVED - 09/04/74

SHORT TEST SEQUENCE NUMBER - 3.

TEST COND : RUN DATE - 09/12/74 RUN NO - A06603 WB TEMP - 67.0 DB TEMP - 72.0 BARO - 29.84

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	28.	0.07	506.
LO	33.	35.	0.04	1291.
IDLE	0.	37.	0.03	160.

FEDERAL THREE-MODE TEST

HI	50.	28.	0.06	662.
LO	30.	35.	0.04	355.
IDLE	0.	30.	0.03	65.

A31

UNLOADED TEST

RPM - 2500.		30.	0.05	92.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 39.90 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 2779.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	43.	49.	1.60	44.		
BACKGROUND (CONCENTRATION)	7.	7.	0.07	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.62	1.46	834.69	2.51	2.71	1.081

COMPOSITE NJ/NY TEST

INLET PRESS. - 39.90 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 1698.

SAMPLE (CONCENTRATION)	31.	44.	1.26	21.
BACKGROUND (CONCENTRATION)	6.	5.	0.08	0.

VEHICLE NO. - T2714107 DATE RECEIVED - 09/11/74

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193271 STATE - CA LIC NO - 34T 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 15156. DWELL - 26.5 TIMING - 12.0 IDLE RPM - 675. IDLE CO - 0.08

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 09/13/74 RUN NO - A06614 WB TEMP - 70.0 DB TEMP - 79.0 BARO - 29.82

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	40.	0.10	427.
LO	34.	42.	0.04	1069.
IDLE	0.	45.	0.04	119.

FEDERAL THREE-MODE TEST

HI	50.	38.	0.10	714.
LO	30.	48.	0.05	1997.
IDLE	0.	39.	0.04	52.

UNLOADED TEST

RPM - 2500. 50. 0.08 106.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 39.90 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 2798.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	48.	62.	1.57	44.		
BACKGROUND (CONCENTRATION)	7.	4.	0.09	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.71	2.02	810.03	2.52	2.78	1.104

COMPOSITE NJ/NY TEST
INLET PRESS. - 39.90 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 1682.

SAMPLE (CONCENTRATION)	42.	60.	1.30	21.
BACKGROUND (CONCENTRATION)	7.	3.	0.08	0.

VEHICLE NO. - T2714107 DATE RECEIVED - 09/11/74 PAGE 35

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 09/14/74 RUN NO - A06616 WB TEMP - 65.0 DB TEMP - 69.0 BARO - 29.91
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 15172.

COLD START
INLET PRESS. - 40.50 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 11658.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	103.	408.	2.49	70.		
BACKGROUND (CONCENTRATION)	9.	3.	0.07	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	4.26	37.03	3476.22	10.51	11.06	1.052

COLD STABILIZED
INLET PRESS. - 40.50 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 19925.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	32.	65.	1.63	27.		
BACKGROUND (CONCENTRATION)	11.	2.	0.08	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.63	9.84	3805.38	6.93	7.29	1.052

HOT START
INLET PRESS. - 40.50 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 11608.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	132.	202.	2.13	61.		
BACKGROUND (CONCENTRATION)	8.	2.	0.05	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	5.59	18.21	2975.02	9.12	9.60	1.052

COMPOSITE

MASS EMISSIONS (GM/MI)	0.89	4.82	932.79	2.22	2.34

FUEL ECONOMY (MPG) - 9.41

COMMENT :

VEHICLE NO. - T2714107 DATE RECEIVED - 09/11/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 09/14/74 RUN NO - A06616 WB TEMP - 65.0 DB TEMP - 69.0 BARO - 29.91

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	38.	0.12	558.
LO	34.	40.	0.05	1143.
IDLE	0.	42.	0.04	119.

FEDERAL THREE-MODE TEST

HI	50.	32.	0.08	816.
LO	30.	45.	0.06	2309.
IDLE	0.	35.	0.04	65.

A34

UNLOADED TEST

RPM - 2500. 110. 0.10 106.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 40.50 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 2826.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	55.	70.	1.55	48.		
BACKGROUND (CONCENTRATION)	8.	3.	0.06	0.		
					NOX(CCRR.)	HUCF
MASS EMISSIONS (GM/MI)	0.82	2.36	825.75	2.78	2.93	1.052

COMPOSITE NJ/NY TEST

INLET PRESS. - 40.50 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 1690.

SAMPLE (CONCENTRATION)	35.	47.	1.26	23.
BACKGROUND (CONCENTRATION)	7.	2.	0.07	0.

VEHICLE NO. - T2714107 DATE RECEIVED - 09/11/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 09/15/74 RUN NO - A06620 WB TEMP - 64.0 DB TEMP - 69.0 BARO - 29.94
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 15191.

COLD START
INLET PRESS. - 40.60 TEMP - 110. VOL/REV - 0.2852 REV COUNT - 11622.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	99.	362.	2.51	69.		
BACKGROUND (CONCENTRATION)	6.	5.	0.06	0.		
MASS EMISSIONS (GRAMS)	4.20	32.56	3510.17	10.34	NOX(CORR.) 10.61	HUCF 1.027

COLD STABILIZED
INLET PRESS. - 40.60 TEMP - 110. VOL/REV - 0.2852 REV COUNT - 19927.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	31.	64.	1.62	27.		
BACKGROUND (CONCENTRATION)	8.	3.	0.06	0.		
MASS EMISSIONS (GRAMS)	1.78	9.54	3832.19	6.93	NOX(CORR.) 7.12	HUCF 1.027

HOT START
INLET PRESS. - 40.60 TEMP - 110. VOL/REV - 0.2852 REV COUNT - 11616.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	98.	182.	2.17	65.		
BACKGROUND (CONCENTRATION)	7.	3.	0.06	0.		
MASS EMISSIONS (GRAMS)	4.11	16.31	3021.48	9.73	NOX(CORR.) 9.99	HUCF 1.027

COMPOSITE

MASS EMISSIONS (GM/MI)	0.79	4.38	941.84	2.26	2.32

FUEL ECONOMY (MPG) - 9.33

COMMENT :

VEHICLE NO. - T2714107 DATE RECEIVED - 09/11/74

SHORT TEST SEQUENCE NUMBER - 3.

TEST COND : RUN DATE - 09/15/74 RUN NO - A06620 WB TEMP - 64.0 DB TEMP - 69.0 BARO - 29.94

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.11	740.
LO	34.	31.	0.05	1340.
IDLE	0.	35.	0.03	146.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.09	791.
LO	30.	41.	0.05	2331.
IDLE	0.	30.	0.04	79.

UNLOADED TEST

RPM - 2500.	100.	0.08	119.	

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 40.60 TEMP - 110. VOL/REV - 0.2852 REV COUNT - 2810.

	HC	CO	CO2	NOx	NOX(CORR.)	HUCF
SAMPLE (CONCENTRATION)	51.	67.	1.57	44.		
BACKGROUND (CONCENTRATION)	7.	3.	0.07	0.		
MASS EMISSIONS (GM/MI)	0.76	2.24	826.30	2.53	2.60	1.027

COMPOSITE NJ/NY TEST

INLET PRESS. - 40.60 TEMP - 110. VOL/REV - 0.2852 REV COUNT - 1689.

SAMPLE (CONCENTRATION)	36.	42.	1.24	24.
BACKGROUND (CONCENTRATION)	7.	2.	0.06	0.

VEHICLE NO. - T2754108 DATE RECEIVED - 09/11/74

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193775 STATE - CA LIC NO - 34Y 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - G10608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 14139. DWELL - 28.0 TIMING - 12.0 IDLE RPM - 650. IDLE CO - 0.30

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 09/17/74 RUN NO - A06634 WB TEMP - 68.0 DB TEMP - 72.0 BARO - 29.87

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	38.	0.08	610.
LO	34.	41.	0.05	1388.
IDLE	0.	52.	0.08	79.

FEDERAL THREE-MODE TEST

HI	50.	41.	0.08	918.
LO	30.	45.	0.05	2442.
IDLE	0.	40.	0.10	52.

UNLOADED TEST

RPM - 2500. 40. 0.06 480.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.50 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 2817.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	50.	138.	1.52	69.		
BACKGROUND (CONCENTRATION)	11.	7.	0.08	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.68	4.61	795.50	3.99	4.42	1.110

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.50 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 1696.

SAMPLE (CONCENTRATION)	48.	221.	1.35	23.
BACKGROUND (CONCENTRATION)	10.	4.	0.08	0.

VEHICLE NO. - T2754108 DATE RECEIVED - 09/11/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 09/18/74 RUN NO - A06641 WB TEMP - 67.0 DB TEMP - 73.0 BARO - 29.85
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 14156.

COLD START
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 11578.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	98.	789.	2.34	59.		
BACKGROUND (CONCENTRATION)	8.	13.	0.08	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	4.04	70.32	3217.81	8.78	9.41	1.071

COLD STABILIZED
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 19907.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	33.	149.	1.49	26.		
BACKGROUND (CONCENTRATION)	9.	8.	0.07	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.85	21.97	3476.26	6.65	7.13	1.071

HOT START
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 11604.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	70.	374.	2.11	59.		
BACKGROUND (CONCENTRATION)	9.	7.	0.07	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.74	33.33	2911.09	8.80	9.43	1.071
COMPOSITE						
MASS EMISSIONS (GM/MI)	0.69	9.49	869.23	2.06	2.21	

FUEL ECONOMY (MPG) - 10.01

COMMENT :

VEHICLE NO. - T2754108 DATE RECEIVED - 09/11/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 09/18/74 RUN NO - A06641 WB TEMP - 67.0 DB TEMP - 73.0 BARO - 29.85

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	50.	0.07	636.
LO	34.	52.	0.04	1508.
IDLE	0.	70.	0.33	79.

FEDERAL THREE-MODE TEST

HI	50.	48.	0.06	969.
LO	30.	58.	0.05	2442.
IDLE	0.	48.	0.14	79.

UNLOADED TEST

RPM - 2500. 53. 0.05 506.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 2826.

	HC	CO	CO2	NOX	NOX(CORR.)	HUCF
SAMPLE (CONCENTRATION)	47.	169.	1.50	67.		
BACKGROUND (CONCENTRATION)	9.	4.	0.06	0.		
MASS EMISSIONS (GM/MI)	0.66	5.82	798.04	3.88	4.16	1.071

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 1690.

SAMPLE (CONCENTRATION)	44.	265.	1.27	27.
BACKGROUND (CONCENTRATION)	8.	3.	0.07	0.

VEHICLE NO. - T3104110 DATE RECEIVED - 09/13/74

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193150 STATE - CA LIC NO - 33F 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 21623. DWELL - 30.0 TIMING - 12.0 IDLE RPM - 660. IDLE CO - 0.03

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 09/14/74 RUN NO - A06619 WB TEMP - 69.0 DB TEMP - 76.0 BARO - 29.90

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	25.	0.04	506.
LO	34.	30.	0.03	1193.
IDLE	0.	35.	0.03	160.

FEDERAL THREE-MODE TEST

HI	50.	22.	0.04	791.
LO	30.	35.	0.03	2221.
IDLE	0.	28.	0.03	79.

UNLOADED TEST

RPM - 2500. 25. 0.04 506.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.50 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 2779.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	23.	20.	1.62	52.		
BACKGROUND (CONCENTRATION)	7.	3.	0.07	0.		
MASS EMISSIONS (GM/MI)	0.27	0.59	844.72	2.96	NOX(CORR.) 3.26	HUCF 1.101

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.50 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 1654.

SAMPLE (CONCENTRATION)	21.	11.	1.42	26.
BACKGROUND (CONCENTRATION)	6.	2.	0.07	0.

A40

VEHICLE NO. - T3104110 DATE RECEIVED - 09/13/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 09/15/74 RUN NO - A06622 WB TEMP - 71.0 DB TEMP - 79.0 BARO - 29.92
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 21633.

COLD START
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 11616.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	70.	280.	2.56	56.		
BACKGROUND (CONCENTRATION)	7.	4.	0.08	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.84	25.16	3551.86	8.39	9.52	1.135

COLD STABILIZED
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 19894.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	16.	15.	1.71	28.		
BACKGROUND (CONCENTRATION)	8.	4.	0.08	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.62	1.72	3998.14	7.18	8.15	1.135

HOT START
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 11614.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	97.	172.	2.26	56.		
BACKGROUND (CONCENTRATION)	9.	5.	0.07	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	3.97	15.22	3135.98	8.38	9.52	1.135
COMPOSITE						
MASS EMISSIONS (GM/MI)	0.55	2.83	975.06	2.08	2.36	

FUEL ECONOMY (MPG) - 9.05

COMMENT :

VEHICLE NO. - T3104110 DATE RECEIVED - 09/13/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 09/15/74 RUN NO - A06622 WB TEMP - 71.0 DB TEMP - 79.0 BARO - 29.92

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	29.	0.04	558.
LO	34.	30.	0.03	1193.
IDLE	0.	30.	0.03	173.

FEDERAL THREE-MODE TEST

HI	50.	32.	0.04	855.
LO	30.	38.	0.03	2154.
IDLE	0.	29.	0.03	106.

UNLOADED TEST

RPM - 2500.	28.	0.04	532.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 2794.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	25.	33.	1.64	47.		
BACKGROUND (CONCENTRATION)	8.	6.	0.10	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.29	0.94	843.80	2.69	3.06	1.135

COMPOSITE NJ/NY TEST

INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 1690.

SAMPLE (CONCENTRATION)	25.	25.	1.36	18.
BACKGROUND (CONCENTRATION)	8.	3.	0.10	0.

VEHICLE NO. - T3104110 DATE RECEIVED - 09/13/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 09/16/74 RUN NO - A06623 WB TEMP - 67.0 DB TEMP - 71.0 BARO - 29.91
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 21652.

COLD START
INLET PRESS. - 40.30 TEMP - 110. VOL/REV - 0.2854 REV COUNT - 11599.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	63.	218.	2.48	56.		
BACKGROUND (CONCENTRATION)	6.	5.	0.05	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.57	19.39	3476.04	8.38	9.12	1.089

COLD STABILIZED
INLET PRESS. - 40.30 TEMP - 110. VOL/REV - 0.2854 REV COUNT - 19879.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	15.	12.	1.61	29.		
BACKGROUND (CONCENTRATION)	7.	3.	0.05	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.62	1.40	3824.51	7.43	8.09	1.089

HOT START
INLET PRESS. - 40.30 TEMP - 110. VOL/REV - 0.2854 REV COUNT - 11541.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	82.	129.	2.19	54.		
BACKGROUND (CONCENTRATION)	8.	6.	0.05	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	3.32	11.14	3045.89	8.04	8.75	1.089
COMPOSITE						
MASS EMISSIONS (GM/MI)	0.48	2.15	940.72	2.08	2.27	

FUEL ECONOMY (MPG) - 9.39

COMMENT :

VEHICLE NO. - T3104110 DATE RECEIVED - 09/13/74

SHORT TEST SEQUENCE NUMBER - 3.

TEST COND : RUN DATE - 09/16/74 RUN NO - A06623 WB TEMP - 67.0 DB TEMP - 71.0 BARO - 29.91

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	29.	0.03	610.
LO	34.	29.	0.02	1119.
IDLE	0.	29.	0.02	214.

FEDERAL THREE-MODE TEST

HI	50.	28.	0.03	842.
LO	30.	35.	0.02	2177.
IDLE	0.	28.	0.03	106.

UNLOADED TEST

RPM - 2500. 30. 0.03 532.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.30 TEMP - 110. VOL/REV - 0.2854 REV COUNT - 2813.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	25.	22.	1.56	57.		
BACKGROUND (CONCENTRATION)	9.	8.	0.06	0.		
MASS EMISSIONS (GM/MI)	0.28	0.49	827.76	3.29	NOX(CORR.) 3.58	HUCF 1.089

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.30 TEMP - 110. VOL/REV - 0.2854 REV COUNT - 1687.

SAMPLE (CONCENTRATION)	19.	14.	1.43	23.
BACKGROUND (CONCENTRATION)	8.	7.	0.07	0.

VEHICLE NO. - T1764113 DATE RECEIVED - 09/16/74

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S19260F STATE - CA LIC NO - 34R 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 11240. DWELL - 28.0 TIMING - 12.0 IDLE RPM - 690. IDLE CO - 0.02

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 09/17/74 RUN NO - A06633 WB TEMP - 66.0 DB TEMP - 70.0 BARO - 29.88

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	24.	0.05	427.
LO	34.	25.	0.03	1143.
IDLE	0.	23.	0.02	160.

FEDERAL THREE-MODE TEST

HI	50.	25.	0.05	532.
LO	30.	30.	0.04	2221.
IDLE	0.	25.	0.03	79.

UNLOADED TEST

RPM - 2500.	30.	0.04	400.	

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.20 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 2812.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	23.	29.	1.61	57.		
BACKGROUND (CONCENTRATION)	8.	5.	0.09	0.		
MASS EMISSIONS (GM/MI)	0.26	0.84	838.79	3.29	NOX(CORR.) 3.52	HUCF 1.070

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.20 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 1684.

SAMPLE (CONCENTRATION)	20.	30.	1.37	25.
BACKGROUND (CONCENTRATION)	6.	5.	0.10	0.

VEHICLE NO. - T1764113 DATE RECEIVED - 09/16/74 PAGE 67

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 09/18/74 RUN NO - A06642 WB TEMP - 66.0 DB TEMP - 70.0 BARO - 29.88

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.04	374.
LO	34.	35.	0.03	1069.
IDLE	0.	35.	0.03	133.

FEDERAL THREE-MODE TEST

HI	50.	28.	0.04	493.
LO	30.	35.	0.03	2221.
IDLE	0.	32.	0.03	65.

UNLOADED TEST

RPM - 2500. 35. 0.04 506.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 2818.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	18.	26.	1.65	42.		
BACKGROUND (CONCENTRATION)	7.	5.	0.07	0.		
MASS EMISSIONS (GM/MI)	0.19	0.74	874.07	2.43	NOX(CORR.) 2.60	HUCF 1.070

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 1683.

SAMPLE (CONCENTRATION)	18.	20.	1.37	26.
BACKGROUND (CONCENTRATION)	7.	4.	0.08	0.

VEHICLE NO. - T1764113 DATE RECEIVED - 09/16/74

SHORT TEST SEQUENCE NUMBER - 3.

TEST COND : RUN DATE - 09/19/74 RUN NO - A06652 WB TEMP - 66.0 DB TEMP - 70.0 BARO - 29.88

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.04	400.
LO	34.	38.	0.03	1266.
IDLE	0.	35.	0.03	146.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.04	532.
LO	30.	32.	0.03	2265.
IDLE	0.	30.	0.02	65.

UNLOADED TEST

RPM - 2500.		32.	0.04	334.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 40.50 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 2811.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	21.	27.	1.55	55.		
BACKGROUND (CONCENTRATION)	9.	3.	0.06	0.		
MASS EMISSIONS (GM/MI)	0.21	0.84	821.37	3.17	NOX(CORR.) 3.39	HUCF 1.070

COMPOSITE NJ/NY TEST

INLET PRESS. - 40.50 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 1681.

SAMPLE (CONCENTRATION)	20.	26.	1.30	25.
BACKGROUND (CONCENTRATION)	7.	3.	0.06	0.

VEHICLE NO. - T1764113 DATE RECEIVED - 09/16/74 PAGE 70

FEDERAL TEST PROCEDURE (1975) NUMBER - 3.
TEST COND : RUN DATE - 09/20/74 RUN NO - A06664 WB TEMP - 67.0 DB TEMP - 70.0 BARO - 29.86
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 11291.

COLD START
INLET PRESS. - 40.60 TEMP - 110. VOL/REV - 0.2852 REV COUNT - 11682.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	48.	216.	2.86	54.		
BACKGROUND (CONCENTRATION)	7.	6.	0.07	0.		
MASS EMISSIONS (GRAMS)	1.86	19.19	4006.00	8.11	NOX(CORR.) 8.91	HUCF 1.099

COLD STABILIZED
INLET PRESS. - 40.60 TEMP - 110. VOL/REV - 0.2852 REV COUNT - 19903.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	13.	24.	1.71	30.		
BACKGROUND (CONCENTRATION)	7.	6.	0.08	0.		
MASS EMISSIONS (GRAMS)	0.46	2.80	3987.46	7.67	NOX(CORR.) 8.43	HUCF 1.099

HOT START
INLET PRESS. - 40.60 TEMP - 110. VOL/REV - 0.2852 REV COUNT - 11608.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	58.	129.	2.48	48.		
BACKGROUND (CONCENTRATION)	7.	4.	0.07	0.		
MASS EMISSIONS (GRAMS)	2.29	11.35	3438.46	7.16	NOX(CORR.) 7.87	HUCF 1.099

COMPOSITE

MASS EMISSIONS (GM/MI)	0.34	2.34	1022.66	2.03	2.23	
FUEL ECONOMY (MPG) - 8.64						

COMMENT :

VEHICLE NO. - T1714116 DATE RECEIVED - 09/20/74

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S192955 STATE - CA LIC NO - 34N 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.[illegible] TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 20917. DWELL - 30.0 TIMING - 13.0 IDLE RPM - 630. IDLE CO - 0.02

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 09/24/74 RUN NO - A06687 WB TEMP - 69.0 DB TEMP - 73.0 BARO - 29.79

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.05	714.
LO	34.	30.	0.04	1069.
IDLE	0.	30.	0.03	133.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.09	893.
LO	30.	30.	0.07	2020.
IDLE	0.	30.	0.04	79.

UNLOADED TEST

RPM - 2500.	55.	0.09	466.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.20 TEMP - 110. VOL/REV - 0.2852 REV COUNT - 2802.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	25.	54.	1.56	46.		
BACKGROUND (CONCENTRATION)	7.	6.	0.07	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.31	1.68	818.45	2.64	2.91	1.101

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.20 TEMP - 110. VOL/REV - 0.2852 REV COUNT - 1674.

SAMPLE (CONCENTRATION)	24.	46.	1.31	20.
BACKGROUND (CONCENTRATION)	6.	3.	0.06	0.

VEHICLE NO. - T1714116 DATE RECEIVED - 09/20/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 09/25/74 RUN NO - A06695 WB TEMP - 66.0 DB TEMP - 69.0 BARO - 29.94

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	29.	0.05	714.
LO	34.	32.	0.04	1119.
IDLE	0.	32.	0.04	133.

FEDERAL THREE-MODE TEST

HI	50.	32.	0.05	893.
LO	30.	35.	0.05	2042.
IDLE	0.	30.	0.04	65.

UNLOADED TEST

RPM - 2500.	55.	0.06	506.	

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 40.60 TEMP - 110. VOL/REV - 0.2851 REV COUNT - 2823.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	32.	62.	1.50	48.		
BACKGROUND (CONCENTRATION)	8.	3.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.42	2.08	796.63	2.78	2.99	1.079

COMPOSITE NJ/NY TEST

INLET PRESS. - 40.60 TEMP - 110. VOL/REV - 0.2851 REV COUNT - 1701.

SAMPLE (CONCENTRATION)	26.	48.	1.25	19.
BACKGROUND (CONCENTRATION)	6.	3.	0.07	0.

A50

VEHICLE NO. - T1714116 DATE RECEIVED - 09/20/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 09/28/74 RUN NO - A06726 WB TEMP - 68.0 DB TEMP - 74.0 BARO - 29.96
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 20954.

COLD START
INLET PRESS. - 40.70 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 11598.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	57.	295.	2.55	69.		
BACKGROUND (CONCENTRATION)	7.	3.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.25	26.49	3549.29	10.28	11.19	1.088

COLD STABILIZED
INLET PRESS. - 40.70 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 19948.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	15.	39.	1.60	25.		
BACKGROUND (CONCENTRATION)	7.	4.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.62	5.46	3775.54	6.41	6.98	1.088

HOT START
INLET PRESS. - 40.70 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 11608.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	121.	174.	2.22	68.		
BACKGROUND (CONCENTRATION)	7.	4.	0.05	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	5.13	15.44	3095.83	10.14	11.04	1.088

COMPOSITE

MASS EMISSIONS (GM/MI)	0.60	3.42	942.18	2.21	2.41

FUEL ECONOMY (MPG) - 9.35

COMMENT :

A51

VEHICLE NO. - T1714116 DATE RECEIVED - 09/20/74

SHORT TEST SEQUENCE NUMBER - 3.

TEST COND : RUN DATE - 09/28/74 RUN NO - A06726 WB TEMP - 68.0 DB TEMP - 74.0 BARO - 29.96

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	25.	0.05	662.
LO	34.	30.	0.04	1069.
IDLE	0.	32.	0.04	133.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.05	867.
LO	30.	35.	0.06	2020.
IDLE	0.	28.	0.03	52.

A52

UNLOADED TEST

RPM - 2500.	50.	0.06	506.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.70 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 2814.

	HC	CO	CO2	NOX	NOX(CORR.)	HUCF
SAMPLE (CONCENTRATION)	32.	59.	1.53	49.		
BACKGROUND (CONCENTRATION)	8.	3.	0.07	0.		
MASS EMISSIONS (GM/MI)	0.42	1.96	802.58	2.82	3.07	1.088

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.70 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 1675.

SAMPLE (CONCENTRATION)	23.	39.	1.30	20.
BACKGROUND (CONCENTRATION)	6.	3.	0.07	0.

VEHICLE NO. - T0264118 DATE RECEIVED - 09/23/74

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193125 STATE - CA LIC NO - 34J 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 8740. DWELL - 28.0 TIMING - 12.0 IDLE RPM - 670. IDLE CO - 0.03

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 10/03/74 RUN NO - A06759 WB TEMP - 66.0 DB TEMP - 74.0 BARO - 29.97

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.03	714.
LO	34.	28.	0.03	1436.
IDLE	0.	25.	0.02	187.

FEDERAL THREE-MODE TEST

HI	50.	20.	0.03	969.
LO	30.	28.	0.02	2442.
IDLE	0.	18.	0.02	92.

UNLOADED TEST

RPM - 2500.	22.	0.02	480.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.60 TEMP - 110. VOL/REV - 0.2843 REV COUNT - 2792.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	18.	8.	1.52	64.		
BACKGROUND (CONCENTRATION)	5.	3.	0.05	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.22	0.17	802.04	3.65	3.77	1.034

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.60 TEMP - 110. VOL/REV - 0.2843 REV COUNT - 1698.

SAMPLE (CONCENTRATION)	14.	7.	1.39	30.
BACKGROUND (CONCENTRATION)	5.	2.	0.06	0.

VEHICLE NO. - T0264118 DATE RECEIVED - 09/23/74 PAGE 93

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 10/04/74 RUN NO - A06769 WB TEMP - 66.0 DB TEMP - 71.0 BARO - 29.89

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.03	688.
LO	34.	35.	0.03	1532.
IDLE	0.	30.	0.02	214.

FEDERAL THREE-MODE TEST

HI	50.	22.	0.03	969.
LO	30.	28.	0.03	2442.
IDLE	0.	20.	0.02	106.

UNLOADED TEST

RPM - 2500. 25. 0.03 558.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.90 TEMP - 110. VOL/REV - 0.2840 REV COUNT - 2819.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	23.	11.	1.54	64.		
BACKGROUND (CONCENTRATION)	7.	3.	0.06	0.		
MASS EMISSIONS (GM/MI)	0.28	0.28	814.45	3.68	NOX(CORR.) 3.91	HUCF 1.061

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.90 TEMP - 110. VOL/REV - 0.2840 REV COUNT - 1693.

SAMPLE (CONCENTRATION)	16.	7.	1.28	28.
BACKGROUND (CONCENTRATION)	6.	2.	0.06	0.

VEHICLE NO. - T0264118 DATE RECEIVED - 09/23/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 10/05/74 RUN NO - A06780 WB TEMP - 66.0 DB TEMP - 73.0 BARO - 29.86
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 8792.

COLD START
INLET PRESS. - 40.80 TEMP - 110. VOL/REV - 0.2843 REV COUNT - 11602.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	38.	106.	2.53	68.		
BACKGROUND (CONCENTRATION)	7.	2.	0.05	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.39	9.40	3523.42	10.10	10.55	1.044

COLD STABILIZED
INLET PRESS. - 40.80 TEMP - 110. VOL/REV - 0.2843 REV COUNT - 19691.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	12.	18.	1.62	31.		
BACKGROUND (CONCENTRATION)	7.	2.	0.05	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.38	2.46	3785.71	7.82	8.16	1.044

HOT START
INLET PRESS. - 40.80 TEMP - 110. VOL/REV - 0.2843 REV COUNT - 11528.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	26.	70.	2.19	64.		
BACKGROUND (CONCENTRATION)	7.	2.	0.04	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.85	6.11	3035.09	9.45	9.86	1.044

COMPOSITE
MASS EMISSIONS (GM/MI) 0.19 1.33 937.44 2.34 2.44
FUEL ECONOMY (MPG) - 9.44

COMMENT :

VEHICLE NO. - T0264118 DATE RECEIVED - 09/23/74

SHORT TEST SEQUENCE NUMBER - 3.

TEST COND : RUN DATE - 10/05/74 RUN NO - A06780 WB TEMP - 66.0 DB TEMP - 73.0 BARO - 29.86

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	22.	0.03	675.
LO	34.	25.	0.03	1412.
IDLE	0.	22.	0.02	214.

FEDERAL THREE-MODE TEST

HI	50.	25.	0.03	1019.
LO	30.	28.	0.02	2442.
IDLE	0.	20.	0.02	106.

A56

UNLOADED TEST

RPM - 2500.	30.	0.02	506.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.80 TEMP - 110. VOL/REV - 0.2843 REV COUNT - 2790.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	17.	8.	1.55	64.		
BACKGROUND (CONCENTRATION)	7.	3.	0.07	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.17	0.17	806.92	3.65	3.81	1.044

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.80 TEMP - 110. VOL/REV - 0.2843 REV COUNT - 1688.

SAMPLE (CONCENTRATION)	15.	16.	1.40	28.
BACKGROUND (CONCENTRATION)	6.	3.	0.06	0.

VEHICLE NO. - T3494119 DATE RECEIVED - 09/24/74

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J545193368 STATE - CA LIC NO - 345 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 18320. DWELL - 28.0 TIMING - 12.0 IDLE RPM - 790. IDLE CO - 0.04

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 09/30/74 RUN NO - A06727 WB TEMP - 67.0 DB TEMP - 70.0 BARO - 29.94

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.04	610.
LO	34.	32.	0.03	1266.
IDLE	0.	45.	0.02	79.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.04	918.
LO	30.	42.	0.04	2287.
IDLE	0.	65.	0.03	52.

UNLOADED TEST

RPM - 2500.	30.	0.04	506.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.70 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 2822.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	64.	35.	1.47	54.		
BACKGROUND (CONCENTRATION)	10.	6.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.94	1.02	777.30	3.11	3.42	1.098

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.70 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 1671.

SAMPLE (CONCENTRATION)	58.	40.	1.23	21.
BACKGROUND (CONCENTRATION)	10.	7.	0.08	0.

VEHICLE NO. - T3494119 DATE RECEIVED - 09/24/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 10/01/74 RUN NO - A06743 WB TEMP - 68.0 DB TEMP - 73.0 BARO - 29.92
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 18335.

COLD START
INLET PRESS. - 40.80 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 11585.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	70.	202.	2.67	70.		
BACKGROUND (CONCENTRATION)	7.	3.	0.07	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.82	18.00	3695.43	10.40	11.43	1.099

COLD STABILIZED
INLET PRESS. - 40.80 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 19905.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	30.	27.	1.60	31.		
BACKGROUND (CONCENTRATION)	8.	2.	0.05	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.69	3.89	3785.21	7.92	8.70	1.099

HOT START
INLET PRESS. - 40.80 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 11596.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	62.	87.	2.22	60.		
BACKGROUND (CONCENTRATION)	8.	4.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.42	7.52	3072.97	8.92	9.81	1.099
COMPOSITE						
MASS EMISSIONS (GM/MI)	0.57	2.12	950.11	2.33	2.56	

FUEL ECONOMY (MPG) - 9.29

COMMENT :

VEHICLE NO. - T3494119 DATE RECEIVED - 09/24/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 10/01/74 RUN NO - A06743 WB TEMP - 68.0 DB TEMP - 73.0 BARO - 29.92

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.04	506.
LO	34.	35.	0.03	1069.
IDLE	0.	48.	0.03	79.

FEDERAL THREE-MODE TEST

HI	50.	25.	0.04	791.
LO	30.	35.	0.03	2110.
IDLE	0.	50.	0.03	38.

UNLOADED TEST

RPM - 2500.	30.	0.04	453.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.80 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 2814.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	72.	35.	1.50	65.		
BACKGROUND (CONCENTRATION)	8.	3.	0.07	0.		
MASS EMISSIONS (GM/MI)	1.11	1.12	786.09	3.74	NOX(CORR.) 4.11	HUCF 1.099

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.80 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 1683.

SAMPLE (CONCENTRATION)	50.	30.	1.32	27.
BACKGROUND (CONCENTRATION)	6.	2.	0.06	0.

VEHICLE NO. - T3434120 DATE RECEIVED - 09/25/74 PAGE 101

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F STATE - CA LIC NO - 34W 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 16566. DWELL - 29.0 TIMING - 12.0 IDLE RPM - 700. IDLE CO - 0.04

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 10/01/74 RUN NO - A06742 WB TEMP - 66.0 DB TEMP - 70.0 BARO - 29.92

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.08	453.
LO	34.	35.	0.04	918.
IDLE	0.	40.	0.03	119.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.08	765.
LO	30.	38.	0.05	2065.
IDLE	0.	32.	0.03	52.

UNLOADED TEST

RPM - 2500. 200. 0.08 92.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2843 REV COUNT - 2811.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	41.	52.	1.58	42.		
BACKGROUND (CONCENTRATION)	9.	4.	0.08	0.		
MASS EMISSIONS (GM/MI)	0.55	1.68	823.98	2.41	NOX(CORR.) 2.58	HUCF 1.070

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2843 REV COUNT - 1688.

SAMPLE (CONCENTRATION)	35.	33.	1.30	21.
BACKGROUND (CONCENTRATION)	7.	3.	0.05	0.

A60

VEHICLE NO. - T3434120 DATE RECEIVED - 09/25/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 10/02/74 RUN NO - A06747 WB TEMP - 65.0 DB TEMP - 69.0 BARO - 29.93
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 16598.

COLD START
INLET PRESS. - 40.70 TEMP - 110. VOL/REV - 0.2843 REV COUNT - 11632.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	74.	287.	2.68	59.		
BACKGROUND (CONCENTRATION)	7.	6.	0.08	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	3.02	25.55	3714.12	8.81	9.27	1.052

COLD STABILIZED
INLET PRESS. - 40.70 TEMP - 110. VOL/REV - 0.2843 REV COUNT - 19989.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	29.	52.	1.67	26.		
BACKGROUND (CONCENTRATION)	7.	3.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.70	7.66	3952.26	6.67	7.02	1.052

HOT START
INLET PRESS. - 40.70 TEMP - 110. VOL/REV - 0.2843 REV COUNT - 11627.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	53.	155.	2.28	50.		
BACKGROUND (CONCENTRATION)	7.	2.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.07	13.91	3169.93	7.46	7.85	1.052

COMPOSITE

MASS EMISSIONS (GM/MI)	0.56	3.54	980.82	1.96	2.06

FUEL ECONOMY (MPG) - 8.98

COMMENT :

A61

VEHICLE NO. - T3434120 DATE RECEIVED - 09/25/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 10/02/74 RUN NO - A06747 WB TEMP - 65.0 DB TEMP - 69.0 BARO - 29.93

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.08	558.
LO	34.	32.	0.04	1056.
IDLE	0.	40.	0.03	146.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.08	778.
LO	30.	38.	0.04	2110.
IDLE	0.	30.	0.03	65.

A62

UNLOADED TEST

RPM - 2500.	150.	0.08	106.	

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 40.70 TEMP - 110. VOL/REV - 0.2843 REV COUNT - 2793.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	37.	35.	1.49	45.		
BACKGROUND (CONCENTRATION)	8.	4.	0.08	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.50	1.08	769.58	2.57	2.70	1.052

COMPOSITE NJ/NY TEST

INLET PRESS. - 40.70 TEMP - 110. VOL/REV - 0.2843 REV COUNT - 1696.

SAMPLE (CONCENTRATION)	26.	31.	1.35	22.
BACKGROUND (CONCENTRATION)	6.	2.	0.07	0.

VEHICLE NO. - T1644122 DATE RECEIVED - 09/30/74

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S192948 STATE - CA LIC NO - 34K 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 01 608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 19761. DWELL - 27.0 TIMING - 12.0 IDLE RPM - 670. IDLE CO - 0.05

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 10/03/74 RUN NO - A06758 WB TEMP - 65.0 DB TEMP - 71.0 BARO - 29.98

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	25.	0.07	558.
LO	34.	22.	0.03	1364.
IDLE	0.	22.	0.02	160.

FEDERAL THREE-MODE TEST

HI	50.	22.	0.06	842.
LO	30.	24.	0.02	2243.
IDLE	0.	20.	0.02	65.

UNLOADED TEST

RPM - 2500.	21.	0.03	545.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2843 REV COUNT - 2861.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	18.	20.	1.37	53.		
BACKGROUND (CONCENTRATION)	7.	7.	0.08	0.		
					NOx(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.19	0.46	721.23	3.10	3.20	1.034

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2843 REV COUNT - 1687.

SAMPLE (CONCENTRATION)	18.	16.	1.10	24.
BACKGROUND (CONCENTRATION)	5.	2.	0.07	0.

VEHICLE NO. - T1644122 DATE RECEIVED - 09/30/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 10/04/74 RUN NO - A06772 WB TEMP - 66.0 DB TEMP - 72.0 BARO - 29.89
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 19778.

COLD START
INLET PRESS. - 40.70 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 11591.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	41.	288.	2.38	55.		
BACKGROUND (CONCENTRATION)	8.	6.	0.08	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.48	25.50	3267.98	8.17	8.60	1.052

COLD STABILIZED
INLET PRESS. - 40.70 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 19937.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	13.	23.	1.44	30.		
BACKGROUND (CONCENTRATION)	8.	2.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.39	3.27	3372.63	7.67	8.07	1.052

HOT START
INLET PRESS. - 40.70 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 11597.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	45.	116.	2.02	55.		
BACKGROUND (CONCENTRATION)	6.	2.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.75	10.32	2786.33	8.17	8.60	1.052
COMPOSITE						
MASS EMISSIONS (GM/MI)	0.27	2.68	848.81	2.11	2.22	

FUEL ECONOMY (MPG) - 10.39

COMMENT :

A64

VEHICLE NO. - T1644122 DATE RECEIVED - 09/30/74 PAGE 113

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 10/04/74 RUN NO - A06772 WB TEMP - 66.0 DB TEMP - 72.0 BARO - 29.89

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	22.	0.05	532.
LO	34.	25.	0.03	1291.
IDLE	0.	22.	0.02	160.

FEDERAL THREE-MODE TEST

HI	50.	28.	0.06	867.
LO	30.	32.	0.03	2309.
IDLE	0.	25.	0.03	79.

UNLOADED TEST

RPM - 2500.	25.	0.04	623.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 40.70 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 2811.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	16.	26.	1.35	50.		
BACKGROUND (CONCENTRATION)	6.	2.	0.06	0.		
MASS EMISSIONS (GM/MI)	0.17	0.84	708.37	2.87	NOX(CORR.) 3.02	HUCF 1.052

COMPOSITE NJ/NY TEST

INLET PRESS. - 40.70 TEMP - 110. VOL/REV - 0.2842 REV COUNT - 1687.

SAMPLE (CONCENTRATION)	16.	20.	1.21	27.
BACKGROUND (CONCENTRATION)	5.	2.	0.06	0.

VEHICLE NO. - T2894126 DATE RECEIVED - 10/04/74

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193289 STATE - CA LIC NO - 34X 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010603 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 16701. DWELL - 27.0 TIMING - 12.0 IDLE RPM - 730. IDLE CO - 0.02

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 10/08/74 RUN NO - A06795 WB TEMP - 64.0 DB TEMP - 68.0 BARO - 30.03

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.05	842.
LO	34.	30.	0.03	1412.
IDLE	0.	30.	0.03	214.

FEDERAL THREE-MODE TEST

HI	50.	32.	0.05	1094.
LO	30.	35.	0.04	2442.
IDLE	0.	25.	0.03	79.

UNLOADED TEST

RPM - 2500.	90.	0.04	493.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 41.40 TEMP - 110. VOL/REV - 0.2839 REV COUNT - 2825.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	47.	59.	1.44	70.		
BACKGROUND (CONCENTRATION)	12.	7.	0.05	0.		
MASS EMISSIONS (GM/MI)	0.61	1.82	766.28	4.03	NOX(CORR.) 4.17	HUCF 1.034

COMPOSITE NJ/NY TEST
INLET PRESS. - 41.40 TEMP - 110. VOL/REV - 0.2839 REV COUNT - 1699.

SAMPLE (CONCENTRATION)	39.	40.	1.16	27.
BACKGROUND (CONCENTRATION)	8.	7.	0.06	0.

A66

VEHICLE NO. - T2894126 DATE RECEIVED - 10/04/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 10/09/74 RUN NO - A06814 WB TEMP - 63.0 DB TEMP - 68.0 BARO - 30.02

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	32.	0.06	918.
LO	34.	30.	0.04	1532.
IDLE	0.	28.	0.03	241.

FEDERAL THREE-MODE TEST

HI	50.	35.	0.05	1291.
LO	30.	38.	0.04	2442.
IDLE	0.	30.	0.03	65.

UNLOADED TEST

RPM - 2500. 100. 0.04 506.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 41.70 TEMP - 110. VOL/REV - 0.2836 REV COUNT - 2791.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	38.	40.	1.45	61.		
BACKGROUND (CONCENTRATION)	8.	3.	0.07	0.		
MASS EMISSIONS (GM/MI)	0.51	1.28	750.82	3.47	NOX(CORR.) 3.51	HUCF 1.011

COMPOSITE NJ/NY TEST
INLET PRESS. - 41.70 TEMP - 110. VOL/REV - 0.2836 REV COUNT - 1700.

SAMPLE (CONCENTRATION)	32.	32.	1.14	29.
BACKGROUND (CONCENTRATION)	6.	3.	0.06	0.

VEHICLE NO. - T2894126 DATE RECEIVED - 10/04/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 10/10/74 RUN NO - A06829 WB TEMP - 64.0 DB TEMP - 69.0 BARO - 29.90
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 16735.

COLD START
INLET PRESS. - 41.70 TEMP - 110. VOL/REV - 0.2837 REV COUNT - 11558.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	101.	322.	2.50	83.		
BACKGROUND (CONCENTRATION)	9.	20.	0.08	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	4.09	27.12	3414.57	12.24	12.58	1.028

COLD STABILIZED
INLET PRESS. - 41.70 TEMP - 110. VOL/REV - 0.2837 REV COUNT - 19910.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	28.	55.	1.47	31.		
BACKGROUND (CONCENTRATION)	10.	16.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.38	6.03	3427.11	7.88	8.09	1.028

HOT START
INLET PRESS. - 41.70 TEMP - 110. VOL/REV - 0.2837 REV COUNT - 11590.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	65.	129.	2.07	76.		
BACKGROUND (CONCENTRATION)	10.	4.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.45	11.26	2843.92	11.24	11.55	1.028
COMPOSITE						
MASS EMISSIONS (GM/MI)	0.60	3.21	868.85	2.61	2.68	

FUEL ECONOMY (MPG) - 10.13

COMMENT :

VEHICLE NO. - T2894126 DATE RECEIVED - 10/04/74

SHORT TEST SEQUENCE NUMBER - 3.

TEST COND : RUN DATE - 10/10/74 RUN NO - A06829 WB TEMP - 64.0 DB TEMP - 69.0 BARO - 29.90

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.06	867.
LO	34.	28.	0.04	1556.
IDLE	0.	28.	0.03	200.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.05	1168.
LO	30.	35.	0.04	2442.
IDLE	0.	22.	0.03	79.

UNLOADED TEST

RPM - 2500.	75.	0.06	532.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 41.70 TEMP - 110. VOL/REV - 0.2837 REV COUNT - 2806.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	40.	40.	1.37	71.		
BACKGROUND (CONCENTRATION)	10.	2.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.52	1.32	716.81	4.06	4.17	1.028

COMPOSITE NJ/NY TEST

INLET PRESS. - 41.70 TEMP - 110. VOL/REV - 0.2837 REV COUNT - 1680.

SAMPLE (CONCENTRATION)	28.	34.	1.25	32.
BACKGROUND (CONCENTRATION)	7.	1.	0.06	0.

VEHICLE NO. - T2984127 DATE RECEIVED - 10/07/74

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193298 STATE - CA LIC NO - 34U 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 12649. DWELL - 32.0 TIMING - 12.0 IDLE RPM - 720. IDLE CO - 0.03

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 10/10/74 RUN NO - A06827 WB TEMP - 64.0 DB TEMP - 68.0 BARO - 29.88

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.04	714.
LO	34.	28.	0.03	2154.
IDLE	0.	25.	0.03	200.

FEDERAL THREE-MODE TEST

HI	50.	32.	0.04	994.
LO	30.	30.	0.03	480.
IDLE	0.	22.	0.03	79.

UNLOADED TEST

RPM - 2500.	35.	0.03	173.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 41.50 TEMP - 110. VOL/REV - 0.2839 REV COUNT - 2816.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	60.	338.	1.44	51.		
BACKGROUND (CONCENTRATION)	11.	11.	0.05	0.		
MASS EMISSIONS (GM/MI)	0.85	11.44	763.94	2.93	NOX(CORR.) 3.04	HUCF 1.036

COMPOSITE NJ/NY TEST
INLET PRESS. - 41.50 TEMP - 110. VOL/REV - 0.2839 REV COUNT - 1689.

SAMPLE (CONCENTRATION)	73.	495.	1.19	19.
BACKGROUND (CONCENTRATION)	10.	10.	0.06	0.

A70

VEHICLE NO. - T2984127 DATE RECEIVED - 10/07/74 PAGE 137

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 10/11/74 RUN NO - A06840 WB TEMP - 65.0 DB TEMP - 69.0 BARO - 29.86
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 12663.

COLD START
INLET PRESS. - 41.10 TEMP - 110. VOL/REV - 0.2841 REV COUNT - 11586.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	131.	1265.	2.64	79.		
BACKGROUND (CONCENTRATION)	10.	5.	0.06	0.		
MASS EMISSIONS (GRAMS)	5.40	113.61	3654.86	11.70	NOX(CORR.) 12.32	HUCF 1.053

COLD STABILIZED
INLET PRESS. - 41.10 TEMP - 110. VOL/REV - 0.2841 REV COUNT - 19830.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	30.	169.	1.64	30.		
BACKGROUND (CONCENTRATION)	9.	4.	0.06	0.		
MASS EMISSIONS (GRAMS)	1.61	25.46	3830.86	7.61	NOX(CORR.) 8.01	HUCF 1.053

HOT START
INLET PRESS. - 41.10 TEMP - 110. VOL/REV - 0.2841 REV COUNT - 11590.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	80.	334.	2.31	67.		
BACKGROUND (CONCENTRATION)	8.	5.	0.05	0.		
MASS EMISSIONS (GRAMS)	3.22	29.67	3202.65	9.93	NOX(CORR.) 10.45	HUCF 1.053

COMPOSITE

MASS EMISSIONS (GM/MI)	0.77	12.16	963.73	2.44	2.57	
FUEL ECONOMY (MPG) - 9.01						

COMMENT :

A71

VEHICLE NO. - T2984127 DATE RECEIVED - 10/07/74 PAGE 138

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 10/11/74 RUN NO - A06840 WB TEMP - 65.0 DB TEMP - 69.0 BARO - 29.86

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	35.	0.04	791.
LO	34.	30.	0.03	2331.
IDLE	0.	28.	0.03	106.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.04	1143.
LO	30.	32.	0.03	1883.
IDLE	0.	22.	0.03	79.

UNLOADED TEST

RPM - 2500. 25. 0.03 816.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 41.10 TEMP - 110. VOL/REV - 0.2841 REV COUNT - 2804.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	53.	209.	1.49	39.		
BACKGROUND (CONCENTRATION)	8.	2.	0.02	0.		
MASS EMISSIONS (GM/MI)	0.78	7.21	804.92	2.23	NOX(CORR.) 2.35	HUCF 1.053

COMPOSITE NJ/NY TEST

INLET PRESS. - 41.10 TEMP - 110. VOL/REV - 0.2841 REV COUNT - 1711.

SAMPLE (CONCENTRATION)	57.	318.	1.25	23.
BACKGROUND (CONCENTRATION)	6.	3.	0.06	0.

A72

VEHICLE NO. - T2574129 DATE RECEIVED - 10/08/74 PAGE 146

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193257 STATE - CA LIC NO - 33H 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 10154. DWELL - 26.0 TIMING - 13.0 IDLE RPM - 650. IDLE CO - 0.03

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 10/17/74 RUN NO - A06905 WB TEMP - 67.0 DB TEMP - 71.0 BARO - 29.95

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	32.	0.05	855.
LO	34.	34.	0.04	1484.
IDLE	0.	32.	0.03	200.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.05	1081.
LO	30.	38.	0.04	2442.
IDLE	0.	30.	0.03	92.

UNLOADED TEST

RPM - 2500.	32.	0.04	662.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 42.20 TEMP - 110. VOL/REV - 0.2835 REV COUNT - 2825.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	28.	57.	1.52	71.		
BACKGROUND (CONCENTRATION)	18.	33.	0.05	0.		
MASS EMISSIONS (GM/MI)	0.17	0.84	809.24	4.09	NOX(CORR.) 4.45	HUCF 1.088

COMPOSITE NJ/NY TEST
INLET PRESS. - 42.20 TEMP - 110. VOL/REV - 0.2835 REV COUNT - 1695.

SAMPLE (CONCENTRATION)	24.	34.	1.28	29.
BACKGROUND (CONCENTRATION)	12.	29.	0.06	0.

VEHICLE NO. - T2574129 DATE RECEIVED - 10/08/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 10/18/74 RUN NO - A06915 WB TEMP - 66.0 DB TEMP - 70.0 BARO - 29.98

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	25.	0.05	740.
LO	34.	28.	0.04	1340.
IDLE	0.	25.	0.03	187.

FEDERAL THREE-MODE TEST

HI	50.	25.	0.05	994.
LO	30.	30.	0.04	2331.
IDLE	0.	22.	0.03	79.

UNLOADED TEST

RPM - 2500. 22. 0.04 584.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 42.50 TEMP - 110. VOL/REV - 0.2834 REV COUNT - 2806.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	24.	33.	1.55	56.		
BACKGROUND (CONCENTRATION)	14.	7.	0.07	0.		
MASS EMISSIONS (GM/MI)	0.17	0.90	803.98	3.20	NOX(CORR.) 3.42	HUCF 1.069

COMPOSITE NJ/NY TEST
INLET PRESS. - 42.50 TEMP - 110. VOL/REV - 0.2834 REV COUNT - 1669.

SAMPLE (CONCENTRATION)	27.	22.	1.37	28.
BACKGROUND (CONCENTRATION)	19.	7.	0.08	0.

VEHICLE NO. - T2574129 DATE RECEIVED - 10/08/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 10/19/74 RUN NO - A06922 WB TEMP - 68.0 DB TEMP - 70.0 BARO - 29.90
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 10229.

COLD START
INLET PRESS. - 42.70 TEMP - 110. VOL/REV - 0.2832 REV COUNT - 11612.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	53.	358.	2.74	65.		
BACKGROUND (CONCENTRATION)	8.	4.	0.07	0.		
MASS EMISSIONS (GRAMS)	2.00	31.80	3767.89	9.59	NOX(CORR.) 10.83	HUCF 1.129

COLD STABILIZED
INLET PRESS. - 42.70 TEMP - 110. VOL/REV - 0.2832 REV COUNT - 19932.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	13.	27.	1.62	31.		
BACKGROUND (CONCENTRATION)	8.	3.	0.06	0.		
MASS EMISSIONS (GRAMS)	0.38	3.70	3778.81	7.85	NOX(CORR.) 8.86	HUCF 1.129

HOT START
INLET PRESS. - 42.70 TEMP - 110. VOL/REV - 0.2832 REV COUNT - 11578.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	258.	216.	2.29	59.		
BACKGROUND (CONCENTRATION)	8.	3.	0.06	0.		
MASS EMISSIONS (GRAMS)	11.09	19.08	3137.75	8.68	NOX(CORR.) 9.80	HUCF 1.129

COMPOSITE

MASS EMISSIONS (GM/MI)	1.01	3.77	959.34	2.26	2.55

FUEL ECONOMY (MPG) - 9.17

COMMENT :

VEHICLE NO. - T2574129 DATE RECEIVED - 10/08/74 PAGE 150

SHORT TEST SEQUENCE NUMBER - 3.

TEST COND : RUN DATE - 10/19/74 RUN NO - A06922 WB TEMP - 68.0 DB TEMP - 70.0 BARO - 29.90

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.05	714.
LO	34.	30.	0.03	1364.
IDLE	0.	28.	0.02	187.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.04	969.
LO	30.	35.	0.03	2287.
IDLE	0.	28.	0.02	79.

A76

UNLOADED TEST

RPM - 2500.	30.	0.04	584.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 42.70 TEMP - 110. VOL/REV - 0.2832 REV COUNT - 2797.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	24.	25.	1.48	60.		
BACKGROUND (CONCENTRATION)	11.	4.	0.06	0.		
MASS EMISSIONS (GM/MI)	0.22	0.73	773.15	3.42	NOX(CORR.) 3.86	HUCF 1.129

COMPOSITE NJ/NY TEST

INLET PRESS. - 42.70 TEMP - 110. VOL/REV - 0.2832 REV COUNT - 1684.

SAMPLE (CONCENTRATION)	22.	28.	1.22	22.
BACKGROUND (CONCENTRATION)	9.	2.	0.05	0.

VEHICLE NO. - T0654134 DATE RECEIVED - 10/14/71

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J545193167 STATE - CA LIC NO - 33K 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 18104. DWELL - 26.0 TIMING - 13.0 IDLE RPM - 685. IDLE CO - 0.10

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 10/17/74 RUN NO - A06906 WB TEMP - 68.0 DB TEMP - 75.0 BARO - 29.96

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	22.	0.05	816.
LO	34.	30.	0.03	1388.
IDLE	0.	35.	0.03	214.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.05	1044.
LO	30.	38.	0.04	2442.
IDLE	0.	30.	0.03	79.

UNLOADED TEST

RPM - 2500.	40.	0.05	597.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 42.50 TEMP - 110. VOL/REV - 0.2834 REV COUNT - 2828.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	17.	35.	1.39	72.		
BACKGROUND (CONCENTRATION)	12.	13.	0.07	0.		
MASS EMISSIONS (GM/MI)	0.09	0.77	727.18	4.15	NOX(CORR.) 4.48	HUCF 1.079

COMPOSITE NJ/NY TEST
INLET PRESS. - 42.50 TEMP - 110. VOL/REV - 0.2834 REV COUNT - 1727.

SAMPLE (CONCENTRATION)	26.	33.	1.16	23.
BACKGROUND (CONCENTRATION)	11.	10.	0.06	0.

A77

VEHICLE NO. - T0654134 DATE RECEIVED - 10/14/71

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 10/19/74 RUN NO - A06923 WB TEMP - 67.0 DB TEMP - 69.0 BARO - 29.90
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 18142.

COLD START
INLET PRESS. - 42.90 TEMP - 110. VOL/REV - 0.2831 REV COUNT - 11509.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	46.	291.	2.49	56.		
BACKGROUND (CONCENTRATION)	7.	5.	0.06	0.		
MASS EMISSIONS (GRAMS)	1.72	25.44	3395.72	8.18	NOX(CORR.) 9.07	HUCF 1.108

COLD STABILIZED
INLET PRESS. - 42.90 TEMP - 110. VOL/REV - 0.2831 REV COUNT - 19628.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	15.	30.	1.48	25.		
BACKGROUND (CONCENTRATION)	7.	3.	0.05	0.		
MASS EMISSIONS (GRAMS)	0.60	4.10	3408.00	6.23	NOX(CORR.) 6.90	HUCF 1.108

HOT START
INLET PRESS. - 42.90 TEMP - 110. VOL/REV - 0.2831 REV COUNT - 11623.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	48.	126.	2.05	54.		
BACKGROUND (CONCENTRATION)	8.	3.	0.06	0.		
MASS EMISSIONS (GRAMS)	1.78	11.05	2808.40	7.97	NOX(CORR.) 8.83	HUCF 1.108

COMPOSITE

MASS EMISSIONS (GM/MI)	0.31	2.84	862.53	1.91	2.11
FUEL ECONOMY (MPG) - 10.23					

COMMENT :

VEHICLE NO. - T0654134 DATE RECEIVED - 10/14/71 PAGE 173

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 10/19/74 RUN NO - A06923 WB TEMP - 67.0 DB TEMP - 69.0 BARO - 29.90

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	28.	0.05	686.
LO	34.	32.	0.03	1119.
IDLE	0.	32.	0.02	160.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.05	943.
LO	30.	35.	0.03	2221.
IDLE	0.	32.	0.03	79.

UNLOADED TEST

RPM - 2500.		60.	0.05	146.
COMMENTS :				

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 42.90 TEMP - 110. VOL/REV - 0.2831 REV COUNT - 2806.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	24.	22.	1.35	53.		
BACKGROUND (CONCENTRATION)	8.	2.	0.05	0.		
MASS EMISSIONS (GM/MI)	0.28	0.70	709.84	3.03	NOx(CORR.) 3.35	HUCF 1.108

COMPOSITE NJ/NY TEST

INLET PRESS. - 42.90 TEMP - 110. VOL/REV - 0.2831 REV COUNT - 1677.

SAMPLE (CONCENTRATION)	21.	27.	1.16	20.
BACKGROUND (CONCENTRATION)	7.	3.	0.06	0.

VEHICLE NO. - T0994139 DATE RECEIVED - 10/21/74 PAGE 196

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193200 STATE - CA LIC NO - 34X 014
CYL - 2 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 20981. DWELL - 27.0 TIMING - 14.0 IDLE RPM - 625. IDLE CO - 0.04

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 10/22/74 RUN NO - A06942 WB TEMP - 66.0 DB TEMP - 71.0 BARO - 29.96

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	40.	0.04	791.
LO	34.	40.	0.03	1340.
IDLE	0.	38.	0.02	187.

FEDERAL THREE-MODE TEST

HI	50.	40.	0.04	1119.
LO	30.	45.	0.03	2442.
IDLE	0.	35.	0.02	92.

UNLOADED TEST

RPM - 2500. 35. 0.03 214.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 42.90 TEMP - 110. VOL/REV - 0.2832 REV COUNT - 2776.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	19.	16.	1.10	58.		
BACKGROUND (CONCENTRATION)	8.	7.	0.06	0.		
MASS EMISSIONS (GM/MI)	0.19	0.31	562.00	3.28	NOX(CORR.) 3.47	HUCF 1.060

COMPOSITE NJ/NY TEST
INLET PRESS. - 42.90 TEMP - 110. VOL/REV - 0.2832 REV COUNT - 1702.

SAMPLE (CONCENTRATION)	17.	8.	0.85	21.
BACKGROUND (CONCENTRATION)	6.	3.	0.05	0.

VEHICLE NO. - T0994139 DATE RECEIVED - 10/21/74 PAGE 197

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 10/23/74 RUN NO - A06949 WB TEMP - 65.0 DB TEMP - 70.0 BARO - 30.09
INERTIA - 5000. IHP - 11.2 AHP - 13.4 ODOM - 20996.

COLD START
INLET PRESS. - 43.00 TEMP - 110. VOL/REV - 0.2831 REV COUNT - 11593.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	43.	230.	1.95	59.		
BACKGROUND (CONCENTRATION)	6.	4.	0.05	0.		
MASS EMISSIONS (GRAMS)	1.65	20.39	2692.73	8.74	NOX(CORR.) 9.10	HUCF 1.041

COLD STABILIZED
INLET PRESS. - 43.00 TEMP - 111. VOL/REV - 0.2831 REV COUNT - 19880.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	12.	7.	1.18	25.		
BACKGROUND (CONCENTRATION)	7.	2.	0.06	0.		
MASS EMISSIONS (GRAMS)	0.38	0.77	2717.17	6.34	NOX(CORR.) 6.60	HUCF 1.041

HOT START
INLET PRESS. - 43.00 TEMP - 111. VOL/REV - 0.2831 REV COUNT - 11587.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	24.	69.	1.60	55.		
BACKGROUND (CONCENTRATION)	6.	3.	0.05	0.		
MASS EMISSIONS (GRAMS)	0.80	5.94	2191.72	8.13	NOX(CORR.) 8.46	HUCF 1.041

COMPOSITE
MASS EMISSIONS (GM/MI) 0.21 1.72 683.24 1.96 2.04
FUEL ECONOMY (MPG) - 12.93

COMMENT :

A81

VEHICLE NO. - T0994139 DATE RECEIVED - 10/21/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 10/23/74 RUN NO - A06949 WB TEMP - 65.0 DB TEMP - 70.0 BARO - 30.09

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	32.	0.03	765.
LO	34.	28.	0.02	1266.
IDLE	0.	25.	0.02	160.

FEDERAL THREE-MODE TEST

HI	50.	32.	0.03	1069.
LO	30.	32.	0.02	2417.
IDLE	0.	25.	0.02	92.

A82

UNLOADED TEST

RPM - 2500.	30.	0.03	506.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 43.00 TEMP - 110. VOL/REV - 0.2831 REV COUNT - 2821.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	17.	7.	1.05	52.		
BACKGROUND (CONCENTRATION)	6.	0.	0.05	0.		
MASS EMISSIONS (GM/MI)	0.19	0.24	548.95	2.98	NOX(CORR.) 3.11	HUCF 1.041

COMPOSITE NJ/NY TEST

INLET PRESS. - 43.00 TEMP - 110. VOL/REV - 0.2831 REV COUNT - 1692.

SAMPLE (CONCENTRATION)	14.	5.	0.88	23.
BACKGROUND (CONCENTRATION)	5.	1.	0.05	0.

TEST DATA FOR

FTP/SHORT CYCLE CORRELATION TESTING FOR 207(B) IMPLEMENTATION

CATALYST EQUIPPED VEHICLES

TASK ORDER 02

EPA CONTRACT NO. 68-03-0452

COMPUTER RUN DATE 01/10/75

VEHICLE NO. - T0534151 DATE RECEIVED - 12/09/74 PAGE 2

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193155 STATE - CA LIC NO - 34P 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 35388. DWELL - 28.0 TIMING - 10.0 IDLE RPM - 680. IDLE CO - 0.0

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 12/11/74 RUN NO - A07485 WB TEMP - 66.0 DB TEMP - 75.0 BARO - 29.98
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 35401.

COLD START
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11661.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	47.	236.	2.07	51.		
BACKGROUND (CONCENTRATION)	14.	12.	0.14	2.		
MASS EMISSIONS (GRAMS)	1.51	20.73	2805.54	7.45	NOX(CORR.) 7.63	HUCF 1.025

COLD STABILIZED
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 19917.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	24.	10.	1.31	24.		
BACKGROUND (CONCENTRATION)	17.	1.	0.10	1.		
MASS EMISSIONS (GRAMS)	0.55	1.42	3004.23	5.97	NOX(CORR.) 6.12	HUCF 1.025

HOT START
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11633.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	47.	63.	1.74	49.		
BACKGROUND (CONCENTRATION)	15.	3.	0.12	1.		
MASS EMISSIONS (GRAMS)	1.46	5.54	2349.26	7.28	NOX(CORR.) 7.46	HUCF 1.025

COMPOSITE
MASS EMISSIONS (GM/MI) 0.27 1.80 739.96 1.78 1.82
FUEL ECONOMY (MPG) - 11.94

COMMENT :

A84

VEHICLE NO. - T0534151 DATE RECEIVED - 12/09/74

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 12/11/74 RUN NO - A07485 WB TEMP - 66.0 DB TEMP - 75.0 BARO - 29.98

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	25.	0.07	524.
LO	34.	23.	0.03	1366.
IDLE	0.	25.	0.03	129.

FEDERAL THREE-MODE TEST

HI	50.	35.	0.07	842.
LO	30.	43.	0.03	2294.
IDLE	0.	30.	0.02	105.

UNLOADED TEST

RPM - 2500.	30.	0.03	388.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 5629.

	HC	CO	CO2	NOX	
SAMPLE (CONCENTRATION)	29.	10.	1.18	50.	
BACKGROUND (CONCENTRATION)	15.	0.	0.09	1.	
				NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.49	0.70	1206.60	5.67	5.81 1.025

COMPOSITE NJ/NY TEST

INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 3375.

SAMPLE (CONCENTRATION)	25.	6.	1.12	21.
BACKGROUND (CONCENTRATION)	14.	0.	0.08	0.

VEHICLE NO. - T0534151 DATE RECEIVED - 12/09/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 12/12/74 RUN NO - A07490 WB TEMP - 63.0 DB TEMP - 72.0 BARO - 30.00
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 35421.

COLD START
INLET PRESS. - 38.30 TEMP - 110. VOL/REV - 0.2860 REV COUNT - 11623.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	43.	219.	1.98	52.		
BACKGROUND (CONCENTRATION)	12.	5.	0.12	1.		
MASS EMISSIONS (GRAMS)	1.42	19.74	2695.29	7.73	NOX(CORR.) 7.57	HUCF 0.980

COLD STABILIZED
INLET PRESS. - 38.30 TEMP - 110. VOL/REV - 0.2860 REV COUNT - 20025.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	24.	11.	1.31	24.		
BACKGROUND (CONCENTRATION)	14.	2.	0.11	1.		
MASS EMISSIONS (GRAMS)	0.79	1.43	2995.90	6.00	NOX(CORR.) 5.88	HUCF 0.980

HOT START
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11612.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	50.	63.	1.73	48.		
BACKGROUND (CONCENTRATION)	3.	0.	0.11	1.		
MASS EMISSIONS (GRAMS)	2.15	5.81	2346.74	7.12	NOX(CORR.) 6.97	HUCF 0.980

COMPOSITE
MASS EMISSIONS (GM/MI) 0.35 1.76 732.34 1.78 1.75
FUEL ECONOMY (MPG) - 12.06

COMMENT :

VEHICLE NO. - T0534151 DATE RECEIVED - 12/09/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 12/12/74 RUN NO - A07490 WB TEMP - 63.0 DB TEMP - 72.0 BARO - 30.00

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.03	511.
LO	34.	30.	0.02	1257.
IDLE	0.	28.	0.02	191.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.04	781.
LO	30.	30.	0.02	2270.
IDLE	0.	28.	0.02	105.

A87

UNLOADED TEST

RPM - 2500.	28.	0.02	376.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 5614.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	26.	7.	1.19	50.		
BACKGROUND (CONCENTRATION)	13.	0.	0.09	0.		
MASS EMISSIONS (GM/MI)	0.45	0.49	1214.43	5.77	NOX(CORR.) 5.65	HUCF 0.980

COMPOSITE NJ/NY TEST

INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 3402.

SAMPLE (CONCENTRATION)	24.	5.	1.06	19.
BACKGROUND (CONCENTRATION)	13.	0.	0.08	0.

VEHICLE NO. - T3784152 DATE RECEIVED - 12/09/74 PAGE 6

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193099 STATE - CA LIC NO - 33L 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 33209. DWELL - 32.0 TIMING - 15.0 IDLE RPM - 500. IDLE CO - 0.03

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 12/11/74 RUN NO - A07484 WB TEMP - 62.0 DB TEMP - 71.0 BARO - 29.96
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 33217.

COLD START
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 11644.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	77.	377.	2.43	126.		
BACKGROUND (CONCENTRATION)	12.	0.	0.12	1.		
MASS EMISSIONS (GRAMS)	2.97	34.84	3353.55	18.97	NOX(CORR.) 18.34	HUCF 0.967

COLD STABILIZED
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 20428.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	33.	34.	1.53	32.		
BACKGROUND (CONCENTRATION)	13.	0.	0.10	0.		
MASS EMISSIONS (GRAMS)	1.61	5.51	3642.11	8.52	NOX(CORR.) 8.24	HUCF 0.967

HOT START
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 11522.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	82.	155.	2.09	124.		
BACKGROUND (CONCENTRATION)	14.	0.	0.11	1.		
MASS EMISSIONS (GRAMS)	3.08	14.17	2844.36	18.47	NOX(CORR.) 17.86	HUCF 0.967

COMPOSITE
MASS EMISSIONS (GM/MI) 0.62 3.81 894.06 3.63 3.51
FUEL ECONOMY (MPG) - 9.84

COMMENT :

VEHICLE NO. - T3784152 DATE RECEIVED - 12/09/74

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 12/11/74 RUN NO - A07484 WB TEMP - 62.0 DB TEMP - 71.0 BARO - 29.96

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	48.	0.07	2378.
LO	34.	41.	0.03	1111.
IDLE	0.	40.	0.02	129.

FEDERAL THREE-MODE TEST

HI	50.	40.	0.06	2444.
LO	30.	35.	0.05	1741.
IDLE	0.	30.	0.04	55.

UNLOADED TEST

RPM - 2500. 30. 0.05 462.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 5630.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	71.	78.	1.44	52.		
BACKGROUND (CONCENTRATION)	13.	0.	0.10	1.		
MASS EMISSIONS (GM/MI)	2.03	5.50	1484.13	5.91	NOX(CORR.) 5.71	HUCF 0.967

COMPOSITE NJ/NY TEST

INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 3385.

SAMPLE (CONCENTRATION)	45.	80.	1.19	20.
BACKGROUND (CONCENTRATION)	12.	0.	0.10	0.

VEHICLE NO. - T3784152 DATE RECEIVED - 12/09/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 12/12/74 RUN NO - A07488 WB TEMP - 61.0 DB TEMP - 72.0 BARO - 30.04
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 33247.

COLD START
INLET PRESS. - 38.50 TEMP - 110. VOL/REV - 0.2859 REV COUNT - 11595.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	84.	324.	2.57	173.		
BACKGROUND (CONCENTRATION)	12.	2.	0.08	1.		
MASS EMISSIONS (GRAMS)	3.28	29.64	3601.61	26.01	NOX(CORR.) 24.43	HUCF 0.939

COLD STABILIZED
INLET PRESS. - 38.50 TEMP - 110. VOL/REV - 0.2859 REV COUNT - 19986.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	30.	28.	1.52	32.		
BACKGROUND (CONCENTRATION)	12.	0.	0.08	1.		
MASS EMISSIONS (GRAMS)	1.41	4.44	3590.17	8.08	NOX(CORR.) 7.59	HUCF 0.939

HOT START
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11617.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	91.	141.	2.03	130.		
BACKGROUND (CONCENTRATION)	13.	0.	0.08	1.		
MASS EMISSIONS (GRAMS)	3.57	13.03	2830.15	19.58	NOX(CORR.) 18.39	HUCF 0.939

COMPOSITE

MASS EMISSIONS (GM/MI)	0.65	3.28	900.27	4.06	3.81	

FUEL ECONOMY (MPG) - 9.78

COMMENT :

A90

VEHICLE NO. - T3784152 DATE RECEIVED - 12/09/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 12/12/74 RUN NO - A07488 WB TEMP - 61.0 DB TEMP - 72.0 BARO - 30.04

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	40.	0.05	2444.
LO	34.	32.	0.03	1257.
IDLE	0.	37.	0.03	129.

FEDERAL THREE-MODE TEST

HI	50.	40.	0.06	2444.
LO	30.	38.	0.04	1982.
IDLE	0.	30.	0.04	129.

UNLOADED TEST

RPM - 2500. 32. 0.03 487.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 38.30 TEMP - 110. VOL/REV - 0.2860 REV COUNT - 5603.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	60.	76.	1.40	68.		
BACKGROUND (CONCENTRATION)	13.	0.	0.08	1.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	1.63	5.33	1453.95	7.72	7.25	0.939

COMPOSITE NJ/NY TEST
INLET PRESS. - 38.30 TEMP - 110. VOL/REV - 0.2860 REV COUNT - 3390.

SAMPLE (CONCENTRATION)	48.	101.	1.28	31.
BACKGROUND (CONCENTRATION)	11.	0.	0.07	1.

A91

VEHICLE NO. - T3784152 DATE RECEIVED - 12/09/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 3.
TEST COND : RUN DATE - 12/13/74 RUN NO - A07492 WB TEMP - 63.0 DB TEMP - 68.0 BARO - 30.09
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 33319.

COLD START
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 11624.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	82.	457.	2.38	137.		
BACKGROUND (CONCENTRATION)	11.	14.	0.09	1.		
MASS EMISSIONS (GRAMS)	3.26	41.06	3334.69	20.71	NOX(CORR.) 20.91	HUCF 1.010

COLD STABILIZED
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 19948.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	29.	38.	1.54	32.		
BACKGROUND (CONCENTRATION)	11.	5.	0.08	0.		
MASS EMISSIONS (GRAMS)	1.42	5.25	3648.52	8.36	NOX(CORR.) 8.44	HUCF 1.010

HOT START
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 11642.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	58.	141.	2.00	129.		
BACKGROUND (CONCENTRATION)	10.	0.	0.08	1.		
MASS EMISSIONS (GRAMS)	2.21	13.09	2800.23	19.52	NOX(CORR.) 19.71	HUCF 1.010

COMPOSITE

MASS EMISSIONS (GM/MI)	0.54	4.05	890.48	3.79	3.82	

FUEL ECONOMY (MPG) - 9.88

COMMENT :

VEHICLE NO. - T3784152 DATE RECEIVED - 12/09/74

SHORT TEST SEQUENCE NUMBER - 3.

TEST COND : RUN DATE - 12/13/74 RUN NO - A07492 WB TEMP - 63.0 DB TEMP - 68.0 BARO - 30.09

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	34.	0.05	2444.
LO	34.	28.	0.03	1099.
IDLE	0.	26.	0.03	105.

FEDERAL THREE-MODE TEST

HI	50.	32.	0.04	2444.
LO	30.	30.	0.03	2174.
IDLE	0.	27.	0.02	80.

UNLOADED TEST

RPM - 2500. 30. 0.03 425.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 5626.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	58.	80.	1.42	71.		
BACKGROUND (CONCENTRATION)	12.	8.	0.10	0.		
MASS EMISSIONS (GM/MI)	1.60	5.07	1460.43	8.21	NOX(CORR.) 8.29	HUCF 1.010

COMPOSITE NJ/NY TEST
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 3368.

SAMPLE (CONCENTRATION)	44.	59.	1.16	22.
BACKGROUND (CONCENTRATION)	11.	3.	0.09	0.

VEHICLE NO. - T1194153 DATE RECEIVED - 12/09/74

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J545193219 STATE - CA LIC NO - 33N 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 34689. DWELL - 34.5 TIMING - 13.0 IDLE RPM - 620. IDLE CO - 0.02

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 12/11/74 RUN NO - A07483 WB TEMP - 61.0 DB TEMP - 70.0 BARO - 30.00
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 34702.

A94

COLD START
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11597.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	54.	200.	2.06	69.		
BACKGROUND (CONCENTRATION)	11.	4.	0.08	2.		
MASS EMISSIONS (GRAMS)	1.96	18.05	2865.31	10.14	NOX(CORR.) 9.67	HUCF 0.954

COLD STABILIZED
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 19969.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	25.	11.	1.36	28.		
BACKGROUND (CONCENTRATION)	10.	0.	0.07	0.		
MASS EMISSIONS (GRAMS)	1.18	1.74	3214.45	7.29	NOX(CORR.) 6.96	HUCF 0.954

HOT START
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11643.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	63.	87.	1.83	65.		
BACKGROUND (CONCENTRATION)	9.	0.	0.08	1.		
MASS EMISSIONS (GRAMS)	2.47	8.05	2542.52	9.72	NOX(CORR.) 9.27	HUCF 0.954

COMPOSITE

MASS EMISSIONS (GM/MI)	0.46	1.88	786.10	2.29	2.19	

FUEL ECONOMY (MPG) - 11.23

COMMENT :

VEHICLE NO. - T1194153 DATE RECEIVED - 12/09/74

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 12/11/74 RUN NO - A07483 WB TEMP - 61.0 DB TEMP - 70.0 BARO - 30.00

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	38.	0.05	916.
LO	34.	39.	0.05	1693.
IDLE	0.	40.	0.03	191.

FEDERAL THREE-MODE TEST

HI	50.	42.	0.05	1233.
LO	30.	32.	0.04	2444.
IDLE	0.	35.	0.04	92.

UNLOADED TEST

RPM - 2500.	30.	0.08	487.

COMMENTS : FED SS & NJ/NY REJECTED

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 0.0 TEMP - 0. VOL/REV - 0.0 REV COUNT - 0.

	HC	CO	CO2	NOX	NOX(CORR.)	HUCF
SAMPLE (CONCENTRATION)	0.	0.	0.0	0.		
BACKGROUND (CONCENTRATION)	0.	0.	0.0	0.		
MASS EMISSIONS (GM/MI)	0.0	0.0	0.0	0.0	0.0	0.954

COMPOSITE NJ/NY TEST

INLET PRESS. - 0.0 TEMP - 0. VOL/REV - 0.0 REV COUNT - 0.

SAMPLE (CONCENTRATION)	0.	0.	0.0	0.
BACKGROUND (CONCENTRATION)	0.	0.	0.0	0.

VEHICLE NO. - T1194153 DATE RECEIVED - 12/09/74 PAGE 14

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 12/12/74 RUN NO - A07487 WB TEMP - 61.0 DB TEMP - 71.0 BARO - 30.04
INERTIA - 5000. IHP - 11.1 AHP - 13.4 CDOM - 34728.

COLD START
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11641.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	69.	272.	2.14	69.		
BACKGROUND (CONCENTRATION)	15.	16.	0.11	2.		
MASS EMISSIONS (GRAMS)	2.48	23.70	2952.35	10.19	NOX(CORR.) 9.64	HUCF 0.946

COLD STABILIZED
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 19973.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	27.	14.	1.39	28.		
BACKGROUND (CONCENTRATION)	13.	3.	0.09	1.		
MASS EMISSIONS (GRAMS)	1.10	1.75	3243.91	7.04	NOX(CORR.) 6.67	HUCF 0.946

HOT START
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11615.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	74.	130.	1.85	61.		
BACKGROUND (CONCENTRATION)	15.	8.	0.09	1.		
MASS EMISSIONS (GRAMS)	2.70	11.27	2553.96	9.10	NOX(CORR.) 8.61	HUCF 0.946

COMPOSITE

MASS EMISSIONS (GM/MI)	0.49	2.45	795.89	2.22	2.10	

FUEL ECONOMY (MPG) - 11.08

COMMENT :

A96

VEHICLE NO. - T1194153 DATE RECEIVED - 12/09/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 12/12/74 RUN NO - A07487 WB TEMP - 61.0 DB TEMP - 71.0 BARO - 30.04

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	35.	0.04	1160.
LO	34.	37.	0.03	867.
IDLE	0.	32.	0.03	228.

FEDERAL THREE-MODE TEST

HI	50.	37.	0.04	1135.
LO	30.	38.	0.03	2444.
IDLE	0.	35.	0.03	105.

UNLOADED TEST

RPM - 2500. 28. 0.03 462.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 5627.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	37.	14.	1.31	57.		
BACKGROUND (CONCENTRATION)	13.	0.	0.10	1.		
MASS EMISSIONS (GM/MI)	0.84	0.99	1338.96	6.48	NOX(CORR.) 6.13	HUCF 0.946

COMPOSITE NJ/NY TEST
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 3377.

SAMPLE (CONCENTRATION)	32.	8.	1.15	26.
BACKGROUND (CONCENTRATION)	13.	0.	0.08	0.

A97

VEHICLE NO. - T3734154 DATE RECEIVED - 12/09/74 PAGE 16

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54A193064 STATE - CA LIC NO - 34M 014
CYL - 8 CID - 400 88L - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 35615. DWELL - 27.0 TIMING - 14.0 IDLE RPM - 640. IDLE CO - 0.03

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 12/11/74 RUN NO - A07486 WB TEMP - 65.0 DB TEMP - 77.0 BARO - 29.97
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 35623.

COLD START
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 11644.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	43.	170.	2.45	66.		
BACKGROUND (CONCENTRATION)	15.	1.	0.10	1.		
MASS EMISSIONS (GRAMS)	1.28	15.62	3412.88	9.87	NOX(CORR.) 9.73	HUCF 0.986

COLD STABILIZED
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 19994.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	20.	10.	1.51	27.		
BACKGROUND (CONCENTRATION)	15.	0.	0.08	0.		
MASS EMISSIONS (GRAMS)	0.39	1.59	3566.05	7.04	NOX(CORR.) 6.94	HUCF 0.986

HOT START
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 11651.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	72.	93.	2.06	59.		
BACKGROUND (CONCENTRATION)	17.	1.	0.11	0.		
MASS EMISSIONS (GRAMS)	2.52	8.51	2833.67	8.96	NOX(CORR.) 8.83	HUCF 0.986

COMPOSITE
MASS EMISSIONS (GM/MI) 0.32 1.75 886.50 2.19 2.15
FUEL ECONOMY (MPG) - 9.97

COMMENT :

A98

VEHICLE NO. - T3734154 DATE RECEIVED - 12/09/74 PAGE 17

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 12/11/74 RUN NO - A07486 WB TEMP - 65.0 DB TEMP - 77.0 BARO - 29.97

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	38.	0.04	1172.
LO	34.	35.	0.03	1038.
IDLE	0.	32.	0.02	191.

FEDERAL THREE-MODE TEST

HI	50.	35.	0.06	781.
LO	30.	40.	0.07	1970.
IDLE	0.	37.	0.05	80.

UNLOADED TEST

RPM - 2500. 30. 0.07 364.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 5649.

	HC	CO	CO2	NOX	NOX(CORR.)	HUCF
SAMPLE (CONCENTRATION)	39.	29.	1.58	50.		
BACKGROUND (CONCENTRATION)	16.	0.	0.08	0.		
MASS EMISSIONS (GM/MI)	0.81	2.05	1666.94	5.81	5.73	0.986

COMPOSITE NJ/NY TEST
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 3805.

SAMPLE (CONCENTRATION)	25.	5.	1.17	22.
BACKGROUND (CONCENTRATION)	14.	0.	0.09	0.

A99

VEHICLE NO. - T3734154 DATE RECEIVED - 12/09/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 12/12/74 RUN NO - A07489 WB TEMP - 60.0 DB TEMP - 71.0 BARO - 30.00
INERTIA - 5000. IHP - 11.1 AHP - 13.4 CDOM - 35643.

COLD START
INLET PRESS. - 38.40 TEMP - 110. VOL/REV - 0.2859 REV COUNT - 11637.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	42.	123.	2.22	62.		
BACKGROUND (CONCENTRATION)	16.	2.	0.11	0.		
MASS EMISSIONS (GRAMS)	1.19	11.17	3059.35	9.40	NOX(CORR.) 8.72	HUCF 0.928

COLD STABILIZED
INLET PRESS. - 38.40 TEMP - 110. VOL/REV - 0.2859 REV COUNT - 19960.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	19.	7.	1.43	26.		
BACKGROUND (CONCENTRATION)	14.	0.	0.08	0.		
MASS EMISSIONS (GRAMS)	0.39	1.11	3357.37	6.76	NOX(CORR.) 6.27	HUCF 0.928

HOT START
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11629.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	81.	79.	1.92	60.		
BACKGROUND (CONCENTRATION)	11.	0.	0.08	1.		
MASS EMISSIONS (GRAMS)	3.20	7.29	2669.34	8.95	NOX(CORR.) 8.31	HUCF 0.928

COMPOSITE
MASS EMISSIONS (GM/MI) 0.36 1.34 825.92 2.12 1.97
FUEL ECONOMY (MPG) - 10.70

COMMENT :

A100

VEHICLE NO. - T3734154 DATE RECEIVED - 12/09/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 12/12/74 RUN NO - A07489 WB TEMP - 60.0 DB TEMP - 71.0 BARO - 30.00

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	30.	0.04	818.
LO	34.	28.	0.03	1233.
IDLE	0.	28.	0.03	204.

FEDERAL THREE-MODE TEST

HI	50.	28.	0.03	745.
LO	30.	24.	0.03	2318.
IDLE	0.	25.	0.02	105.

A101

UNLOADED TEST

RPM - 2500. 22. 0.03 438.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 5625.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	27.	6.	1.34	54.		
BACKGROUND (CONCENTRATION)	13.	0.	0.07	0.		
MASS EMISSIONS (GM/MI)	0.49	0.42	1404.86	6.25	NOX(CORR.) 5.80	HUCF 0.928

COMPOSITE NJ/NY TEST
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 3405.

SAMPLE (CONCENTRATION)	24.	10.	1.20	20.
BACKGROUND (CONCENTRATION)	14.	0.	0.08	0.

VEHICLE NO. - T3364155 DATE RECEIVED - 12/09/74 PAGE 20

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193084 STATE - CA LIC NO - 34A 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 36025. DWELL - 30.0 TIMING - 12.0 IDLE RPM - 670. IDLE CO - 0.02

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 12/16/74 RUN NO - A07503 WB TEMP - 61.0 DB TEMP - 71.0 BARO - 30.05
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 36088.

A102

COLD START
INLET PRESS. - 38.40 TEMP - 110. VOL/REV - 0.2860 REV COUNT - 11627.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	31.	143.	2.44	77.		
BACKGROUND (CONCENTRATION)	9.	6.	0.10	0.		
MASS EMISSIONS (GRAMS)	1.01	12.66	3397.34	11.69	NOX(CORR.) 11.06	HUCF 0.946

COLD STABILIZED
INLET PRESS. - 38.40 TEMP - 110. VOL/REV - 0.2860 REV COUNT - 20085.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	15.	8.	1.56	34.		
BACKGROUND (CONCENTRATION)	10.	0.	0.08	0.		
MASS EMISSIONS (GRAMS)	0.40	1.28	3711.83	8.92	NOX(CORR.) 8.43	HUCF 0.946

HOT START
INLET PRESS. - 38.40 TEMP - 110. VOL/REV - 0.2860 REV COUNT - 11641.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	43.	84.	2.10	66.		
BACKGROUND (CONCENTRATION)	8.	0.	0.09	0.		
MASS EMISSIONS (GRAMS)	1.60	7.77	2921.74	10.03	NOX(CORR.) 9.49	HUCF 0.946

COMPOSITE

MASS EMISSIONS (GM/MI)	0.23	1.49	911.74	2.62	2.48	
FUEL ECONOMY (MPG) - 9.70						

COMMENT :

VEHICLE NO. - T3364155 DATE RECEIVED - 12/09/74

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 12/16/74 RUN NO - A07503 WB TEMP - 61.0 DB TEMP - 71.0 BARO - 30.05

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	38.	0.04	708.
LO	34.	35.	0.03	1427.
IDLE	0.	35.	0.03	228.

FEDERAL THREE-MODE TEST

HI	50.	40.	0.04	989.
LO	30.	45.	0.03	2444.
IDLE	0.	42.	0.03	92.

A103

UNLOADED TEST

RPM - 2500. 35. 0.03 475.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 38.40 TEMP - 110. VOL/REV - 0.2860 REV COUNT - 5631.

	HC	CO	CO2	NOX	NOX(CORR.)	HUCF
SAMPLE (CONCENTRATION)	21.	20.	1.46	65.		
BACKGROUND (CONCENTRATION)	10.	2.	0.12	0.		
MASS EMISSIONS (GM/MI)	0.38	1.27	1483.35	7.52	7.12	0.946

COMPOSITE NJ/NY TEST

INLET PRESS. - 38.40 TEMP - 110. VOL/REV - 0.2860 REV COUNT - 3370.

SAMPLE (CONCENTRATION)	17.	16.	1.25	30.
BACKGROUND (CONCENTRATION)	8.	2.	0.07	0.

VEHICLE NO. - T3364155 DATE RECEIVED - 12/09/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 12/16/74 RUN NO - A07506 WB TEMP - 67.0 DB TEMP - 84.0 BARO - 30.03
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 36108.

COLD START
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11592.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	40.	83.	2.47	82.		
BACKGROUND (CONCENTRATION)	16.	2.	0.07	1.		
MASS EMISSIONS (GRAMS)	1.10	7.47	3475.44	12.26	NOX(CORR.) 11.98	HUCF 0.977

COLD STABILIZED
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 19956.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	22.	14.	1.54	39.		
BACKGROUND (CONCENTRATION)	14.	1.	0.08	0.		
MASS EMISSIONS (GRAMS)	0.63	2.06	3639.70	10.17	NOX(CORR.) 9.93	HUCF 0.977

HOT START
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 11580.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	91.	119.	2.12	78.		
BACKGROUND (CONCENTRATION)	14.	0.	0.10	0.		
MASS EMISSIONS (GRAMS)	3.51	10.96	2923.94	11.80	NOX(CORR.) 11.53	HUCF 0.977

COMPOSITE

MASS EMISSIONS (GM/MI)	0.41	1.54	906.77	2.96	2.89	

FUEL ECONOMY (MPG) - 9.75

COMMENT :

VEHICLE NO. - T3364155 DATE RECEIVED - 12/09/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 12/16/74 RUN NO - A07506 WB TEMP - 67.0 DB TEMP - 84.0 BARO - 30.03

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	22.	0.03	818.
LO	34.	20.	0.03	1681.
IDLE	0.	20.	0.02	253.

FEDERAL THREE-MODE TEST

HI	50.	22.	0.03	1087.
LO	30.	20.	0.03	2444.
IDLE	0.	15.	0.02	105.

A105

UNLOADED TEST

RPM - 2500.	20.	0.02	524.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 5614.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	29.	20.	1.53	78.		
BACKGROUND (CONCENTRATION)	13.	4.	0.12	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.56	1.12	1557.22	9.01	8.80	0.977

COMPOSITE NJ/NY TEST

INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 3394.

SAMPLE (CONCENTRATION)	24.	14.	1.32	34.
BACKGROUND (CONCENTRATION)	12.	0.	0.08	1.

VEHICLE NO. - T1204156 DATE RECEIVED - 12/12/74

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193220 STATE - CA LIC NO - 35A 014
CYL - 8 CID - 400 8BL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 34310. DWELL - 32.5 TIMING - 12.0 IDLE RPM - 615. IDLE CO - 0.03

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 12/13/74 RUN NO - A07495 WB TEMP - 65.0 DB TEMP - 76.0 BARO - 30.03
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 34318.

A106

COLD START
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11641.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	89.	277.	2.22	127.		
BACKGROUND (CONCENTRATION)	15.	4.	0.09	2.		
MASS EMISSIONS (GRAMS)	3.39	25.27	3097.49	19.01	NOX(CORR.) 18.86	HUCF 0.992

COLD STABILIZED
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 19992.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	33.	31.	1.44	34.		
BACKGROUND (CONCENTRATION)	14.	9.	0.02	1.		
MASS EMISSIONS (GRAMS)	1.50	3.50	3546.37	8.62	NOX(CORR.) 8.55	HUCF 0.992

HOT START
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11628.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	63.	98.	1.84	77.		
BACKGROUND (CONCENTRATION)	14.	2.	0.11	1.		
MASS EMISSIONS (GRAMS)	2.24	8.87	2512.31	11.54	NOX(CORR.) 11.45	HUCF 0.992

COMPOSITE

MASS EMISSIONS (GM/MI)	0.56	2.59	841.37	3.12	3.09	

FUEL ECONOMY (MPG) - 10.48

COMMENT :

VEHICLE NO. - T1204156 DATE RECEIVED - 12/12/74

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 12/13/74 RUN NO - A07495 WB TEMP - 65.0 DB TEMP - 76.0 BARO - 30.03

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	20.	0.03	830.
LO	34.	22.	0.03	1451.
IDLE	0.	19.	0.02	179.

FEDERAL THREE-MODE TEST

HI	50.	22.	0.03	1147.
LO	30.	20.	0.03	2444.
IDLE	0.	20.	0.02	105.

A107

UNLOADED TEST

RPM - 2500. 25. 0.03 487.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 5629.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	41.	25.	1.35	72.		
BACKGROUND (CONCENTRATION)	12.	3.	0.10	1.		
MASS EMISSIONS (GM/MI)	1.01	1.55	1383.72	8.22	NOX(CORR.) 8.16	HUCF 0.992

COMPOSITE NJ/NY TEST

INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 3404.

SAMPLE (CONCENTRATION)	33.	35.	1.32	35.
BACKGROUND (CONCENTRATION)	12.	3.	0.09	1.

VEHICLE NO. - T1204156 DATE RECEIVED - 12/12/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 12/14/74 RUN NO - A07496 WB TEMP - 59.0 DB TEMP - 71.0 BARO - 30.16
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 34336.

COLD START
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11673.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	62.	194.	1.31	92.		
BACKGROUND (CONCENTRATION)	3.	4.	0.08	14.		
MASS EMISSIONS (GRAMS)	2.72	17.71	1801.69	11.95	NOX(CORR.) 10.86	HUCF 0.909

COLD STABILIZED
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 19968.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	39.	24.	1.35	35.		
BACKGROUND (CONCENTRATION)	11.	0.	0.05	1.		
MASS EMISSIONS (GRAMS)	2.21	3.83	3257.39	8.91	NOX(CORR.) 8.10	HUCF 0.909

HOT START
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 11643.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	55.	87.	1.80	83.		
BACKGROUND (CONCENTRATION)	12.	0.	0.08	1.		
MASS EMISSIONS (GRAMS)	1.98	8.10	2515.19	12.54	NOX(CORR.) 11.40	HUCF 0.909

COMPOSITE

MASS EMISSIONS (GM/MI)	0.60	2.14	728.77	2.83	2.57	

FUEL ECONOMY (MPG) - 12.09

COMMENT :

VEHICLE NO. - T1204156 DATE RECEIVED - 12/12/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 12/14/74 RUN NO - A07496 WB TEMP - 59.0 DB TEMP - 71.0 BARO - 30.16

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	28.	0.02	879.
LO	34.	20.	0.02	1536.
IDLE	0.	20.	0.02	191.

FEDERAL THREE-MODE TEST

HI	50.	32.	0.03	1439.
LO	30.	35.	0.03	2444.
IDLE	0.	30.	0.02	105.

UNLOADED TEST

RPM - 2500. 32. 0.03 573.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 5656.

	HC	CO	CO2	NOX	NOX(CORR.)	HUCF
SAMPLE (CONCENTRATION)	37.	31.	1.34	76.		
BACKGROUND (CONCENTRATION)	11.	0.	0.08	2.		
MASS EMISSIONS (GM/MI)	0.91	2.20	1401.97	8.61	7.83	0.909

COMPOSITE NJ/NY TEST
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 3404.

SAMPLE (CONCENTRATION)	32.	29.	1.17	31.
BACKGROUND (CONCENTRATION)	12.	0.	0.11	1.

VEHICLE NO. - T1234157 DATE RECEIVED - 12/12/74

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193223 STATE - CA LIC NO - 34J 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 34274. DWELL - 30.5 TIMING - 10.0 IDLE RPM - 600. IDLE CO - 0.07

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 12/13/74 RUN NO - A07493 WB TEMP - 62.0 DB TEMP - 68.0 BARO - 30.08
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 34282.

A110

COLD START
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11672.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	69.	468.	2.27	48.		
BACKGROUND (CONCENTRATION)	12.	18.	0.15	1.		
MASS EMISSIONS (GRAMS)	2.62	41.84	3096.83	7.18	NOX(CORR.) 7.09	HUCF 0.988

COLD STABILIZED
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 19985.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	23.	31.	1.43	25.		
BACKGROUND (CONCENTRATION)	10.	0.	0.08	1.		
MASS EMISSIONS (GRAMS)	1.03	4.94	3376.56	6.28	NOX(CORR.) 6.20	HUCF 0.988

HOT START
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 11688.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	72.	165.	1.94	44.		
BACKGROUND (CONCENTRATION)	10.	1.	0.12	1.		
MASS EMISSIONS (GRAMS)	2.86	15.28	2663.89	6.58	NOX(CORR.) 6.50	HUCF 0.988

COMPOSITE

MASS EMISSIONS (GM/MI)	0.50	4.22	830.21	1.75	1.73	
FUEL ECONOMY (MPG) - 10.59						

COMMENT :

VEHICLE NO. - T1234157 DATE RECEIVED - 12/12/74

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 12/13/74 RUN NO - A07493 WB TEMP - 62.0 DB TEMP - 68.0 BARO - 30.08

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	28.	0.05	475.
LO	34.	28.	0.04	1087.
IDLE	0.	25.	0.02	142.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.03	573.
LO	30.	28.	0.04	2078.
IDLE	0.	28.	0.02	80.

UNLOADED TEST

RPM - 2500.		24.	0.03	413.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 5608.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	34.	42.	1.33	48.		
BACKGROUND (CONCENTRATION)	8.	0.	0.10	0.		
MASS EMISSIONS (GM/MI)	0.90	2.95	1356.50	5.53	NOX(CORR.) 5.47	HUCF 0.988

COMPOSITE NJ/NY TEST

INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 3391.

SAMPLE (CONCENTRATION)	30.	41.	1.16	19.
BACKGROUND (CONCENTRATION)	8.	0.	0.09	0.

A-111

VEHICLE NO. - T1234157 DATE RECEIVED - 12/12/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 12/14/74 RUN NO - A07498 WB TEMP - 61.0 DB TEMP - 68.0 BARO - 30.10
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 34346.

COLD START
INLET PRESS. - 38.30 TEMP - 110. VOL/REV - 0.2860 REV COUNT - 11621.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	77.	519.	2.20	62.		
BACKGROUND (CONCENTRATION)	9.	12.	0.10	2.		
MASS EMISSIONS (GRAMS)	3.12	46.93	3053.74	9.12	NOX(CORR.) 8.82	HUCF 0.967

COLD STABILIZED
INLET PRESS. - 38.30 TEMP - 110. VOL/REV - 0.2860 REV COUNT - 20028.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	20.	23.	1.40	29.		
BACKGROUND (CONCENTRATION)	8.	0.	0.07	0.		
MASS EMISSIONS (GRAMS)	0.95	3.67	3333.17	7.60	NOX(CORR.) 7.35	HUCF 0.967

HOT START
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11656.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	80.	153.	1.89	52.		
BACKGROUND (CONCENTRATION)	8.	0.	0.05	0.		
MASS EMISSIONS (GRAMS)	3.31	14.22	2686.10	7.94	NOX(CORR.) 7.68	HUCF 0.967

COMPOSITE

MASS EMISSIONS (GM/MI)	0.56	4.26	823.65	2.14	2.07

FUEL ECONOMY (MPG) - 10.67

COMMENT :

VEHICLE NO. - T1234157 DATE RECEIVED - 12/12/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 12/14/74 RUN NO - A07498 WB TEMP - 61.0 DB TEMP - 68.0 BARO - 30.10

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	25.	0.03	548.
LO	34.	23.	0.03	1074.
IDLE	0.	30.	0.02	154.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.05	745.
LO	30.	30.	0.04	2444.
IDLE	0.	32.	0.04	80.

UNLOADED TEST

RPM - 2500.	28.	0.03	487.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 5655.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	28.	42.	1.32	51.		
BACKGROUND (CONCENTRATION)	8.	0.	0.06	0.		
MASS EMISSIONS (GM/MI)	0.70	2.97	1401.23	5.93	NOX(CORR.) 5.73	HUCF 0.967

COMPOSITE NJ/NY TEST

INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 3396.

	HC	CO	CO2	NOX
SAMPLE (CONCENTRATION)	27.	42.	1.14	22.
BACKGROUND (CONCENTRATION)	7.	0.	0.07	0.

VEHICLE NO. - T3244158 DATE RECEIVED - 12/12/74

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193047 STATE - CA LIC NO - 340 014
CYL - 8 CID - 400 BBL - 8 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 32743. DWELL - 32.0 TIMING - 10.0 IDLE RPM - 630. IDLE CO - 0.02

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 12/16/74 RUN NO - A07494 WB TEMP - 62.0 DB TEMP - 71.0 BARO - 30.02
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 32752.

A114

COLD START
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11662.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	50.	170.	2.51	81.		
BACKGROUND (CONCENTRATION)	9.	2.	0.10	1.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.88	15.57	3508.75	12.18	11.76	0.966

COLD STABILIZED
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 19989.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	18.	9.	1.63	39.		
BACKGROUND (CONCENTRATION)	8.	0.	0.08	1.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.79	1.43	3867.99	9.91	9.58	0.966

HOT START
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11647.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	46.	99.	2.18	78.		
BACKGROUND (CONCENTRATION)	9.	0.	0.08	1.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.70	9.16	3054.31	11.71	11.31	0.966
COMPOSITE						
MASS EMISSIONS (GM/MI)	0.34	1.78	949.03	2.91	2.81	

FUEL ECONOMY (MPG) - 9.31

COMMENT :

VEHICLE NO. - T3244158 DATE RECEIVED - 12/12/74

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 12/16/74 RUN NO - A07494 WB TEMP - 62.0 DB TEMP - 71.0 BARO - 30.02

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	24.	0.03	757.
LO	34.	22.	0.02	1874.
IDLE	0.	20.	0.02	204.

FEDERAL THREE-MODE TEST

HI	50.	22.	0.03	1220.
LO	30.	21.	0.02	2444.
IDLE	0.	20.	0.02	117.

UNLOADED TEST

RPM - 2500. 20. 0.03 659.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 5646.

	HC	CO	CO2	NOX
SAMPLE (CONCENTRATION)	27.	12.	1.53	91.
BACKGROUND (CONCENTRATION)	9.	3.	0.08	1.
MASS EMISSIONS (GM/MI)	0.63	0.64	1609.96	10.45

NOX(CORR.) 10.09 HUCF 0.966

COMPOSITE NJ/NY TEST
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 3390.

SAMPLE (CONCENTRATION)	22.	19.	1.33	35.
BACKGROUND (CONCENTRATION)	11.	8.	0.08	0.

A115

VEHICLE NO. - T3244158 DATE RECEIVED - 12/12/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 12/14/74 RUN NO - A07497 WB TEMP - 62.0 DB TEMP - 77.0 BARO - 30.16
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 32772.

COLD START
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 11564.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	66.	176.	2.43	89.		
BACKGROUND (CONCENTRATION)	10.	0.	0.08	1.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.56	16.27	3413.13	13.36	12.33	0.922

COLD STABILIZED
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 19985.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	17.	8.	1.60	42.		
BACKGROUND (CONCENTRATION)	9.	0.	0.07	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.63	1.28	3840.37	11.02	10.17	0.922

HOT START
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11642.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	63.	93.	2.09	82.		
BACKGROUND (CONCENTRATION)	8.	0.	0.07	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.53	8.65	2951.01	12.53	11.55	0.922

COMPOSITE

MASS EMISSIONS (GM/MI)	0.42	1.76	932.01	3.19	2.94

FUEL ECONOMY (MPG) - 9.48

COMMENT :

VEHICLE NO. - T3244158 DAT RECEIVED - 12/12/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 12/14/74 RUN NO - A07497 WB TEMP - 62.0 DB TEMP - 77.0 BARO - 30.16

KEY MODE TEST

	RPM	HC.PPM	CO, %	NO.PPM
HI	49.	42.	0.04	1026.
LO	34.	33.	0.03	2198.
IDLE	0.	30.	0.02	253.

FEDEAAL THREE-MODE TEST

HI	50.	33.	0.04	1475.
LO	30.	30.	0.03	2444.
IDLE	0.	30.	0.02	154.

UNLOADED TEST

RPM - 2500. 28. 0.03 806.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 5659.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	24.	10.	1.48	105.		
BACKGROUND (CONCENTRATION)	9.	0.	0.06	1.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.53	0.71	1580.28	12.10	11.16	0.922

COMPOSITE NJ/NY TEST
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 3399.

SAMPLE (CONCENTRATION)	20.	11.	1.36	40.
BACKGROUND (CONCENTRATION)	8.	0.	0.07	0.

A117

VEHICLE NO. - T3584159 DATE RECEIVED - 12/12/74 PAGE 36

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193037 STATE - CA LIC NO - 33H 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 35875. DWELL - 28.0 TIMING - 13.0 IDLE RPM - 650. IDLE CO - 0.03

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 12/15/74 RUN NO - A07502 WB TEMP - 58.0 DB TEMP - 68.0 BARO - 30.09
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 35884.

COLD START
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 11615.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	39.	200.	2.71	66.		
BACKGROUND (CONCENTRATION)	7.	0.	0.06	0.		
MASS EMISSIONS (GRAMS)	1.47	18.52	3855.94	10.04	NOX(CORR.) 9.16	HUCF 0.913

COLD STABILIZED
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 20008.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	14.	24.	1.62	32.		
BACKGROUND (CONCENTRATION)	8.	1.	0.06	0.		
MASS EMISSIONS (GRAMS)	0.47	3.67	3910.14	8.39	NOX(CORR.) 7.65	HUCF 0.913

HOT START
INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 11638.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	69.	141.	2.18	59.		
BACKGROUND (CONCENTRATION)	7.	0.	0.07	0.		
MASS EMISSIONS (GRAMS)	2.85	13.08	3076.28	8.99	NOX(CORR.) 8.21	HUCF 0.913
COMPOSITE						
MASS EMISSIONS (GM/MI)	0.36	2.55	976.22	2.38	2.17	
FUEL ECONOMY (MPG) - 9.04						

COMMENT :

VEHICLE NO. - T3584159 DATE RECEIVED - 12/12/74

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 12/15/74 RUN NO - A07502 WB TEMP - 58.0 DB TEMP - 68.0 BARO - 30.09

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	38.	0.05	647.
LO	34.	35.	0.03	1306.
IDLE	0.	35.	0.02	142.

FEDERAL THREE-MODE TEST

HI	50.	40.	0.06	745.
LO	30.	48.	0.04	2444.
IDLE	0.	35.	0.02	92.

A119

UNLOADED TEST

RPM - 2500.	32.	0.04	450.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 5620.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	23.	42.	1.52	63.		
BACKGROUND (CONCENTRATION)	7.	3.	0.11	0.		
MASS EMISSIONS (GM/MI)	0.56	2.74	1558.88	7.28	NOX(CORR.) 6.65	HUCF 0.913

COMPOSITE NJ/NY TEST

INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 3406.

SAMPLE (CONCENTRATION)	16.	35.	1.31	28.
BACKGROUND (CONCENTRATION)	6.	0.	0.08	0.

VEHICLE NO. - T3584159 DATE RECEIVED - 12/12/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 12/16/74 RUN NO - A07505 WB TEMP - 63.0 DB TEMP - 74.0 BARO - 30.06
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 35902.

COLD START
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 11816.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	40.	214.	2.78	85.		
BACKGROUND (CONCENTRATION)	15.	0.	0.10	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.17	20.13	3961.64	13.14	12.66	0.964

COLD STABILIZED
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 20108.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	20.	26.	1.65	31.		
BACKGROUND (CONCENTRATION)	15.	1.	0.10	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.40	4.00	3899.15	8.15	7.86	0.964

HOT START
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 11634.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	62.	151.	2.18	57.		
BACKGROUND (CONCENTRATION)	10.	1.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.39	13.90	3085.56	8.67	8.36	0.964
COMPOSITE						
MASS EMISSIONS (GM/MI)	0.30	2.74	981.52	2.50	2.41	

FUEL ECONOMY (MPG) - 8.99

COMMENT :

VEHICLE NO. - T3584159 DATE RECEIVED - 12/12/74 PAGE 39

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 12/16/74 RUN NO - A07505 WB TEMP - 63.0 DB TEMP - 74.0 BARO - 30.06

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	40.	0.07	573.
LO	34.	38.	0.04	1245.
IDLE	0.	38.	0.03	166.

FEDERAL THREE-MODE TEST

HI	50.	35.	0.05	867.
LO	30.	42.	0.03	2444.
IDLE	0.	32.	0.03	80.

A121

UNLOADED TEST

RPM - 2500.	35.	0.05	450.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 5614.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	25.	42.	1.60	65.		
BACKGROUND (CONCENTRATION)	10.	1.	0.10	0.		
MASS EMISSIONS (GM/MI)	0.52	2.88	1656.62	7.51	NOX(CORR.) 7.23	HUCF 0.964

COMPOSITE NJ/NY TEST

INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2862 REV COUNT - 3394.

	HC	CO	CO2	NOX
SAMPLE (CONCENTRATION)	19.	36.	1.33	29.
BACKGROUND (CONCENTRATION)	8.	1.	0.08	0.

VEHICLE NO. - T3074160 DATE RECEIVED - 12/12/74

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193029 STATE - CA LIC NO - 34K 014
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - 010608 EVAP - 2
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 33509. DWELL - 31.0 TIMING - 10.0 IDLE RPM - 670. IDLE CO - 0.03

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 12/15/74 RUN NO - A07501 WB TEMP - 62.0 DB TEMP - 68.0 BARO - 30.06
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 33517.

COLD START
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11606.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	31.	135.	2.47	40.		
BACKGROUND (CONCENTRATION)	6.	0.	0.07	0.		
MASS EMISSIONS (GRAMS)	1.14	12.47	3483.47	6.07	NOX(CORR.) 6.00	HUCF 0.988

COLD STABILIZED
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 20077.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	13.	11.	1.56	15.		
BACKGROUND (CONCENTRATION)	8.	0.	0.07	0.		
MASS EMISSIONS (GRAMS)	0.40	1.76	3741.13	3.94	NOX(CORR.) 3.89	HUCF 0.988

HOT START
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11623.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	33.	118.	2.09	54.		
BACKGROUND (CONCENTRATION)	5.	0.	0.07	0.		
MASS EMISSIONS (GRAMS)	1.28	10.92	2936.21	8.21	NOX(CORR.) 8.11	HUCF 0.988

COMPOSITE

MASS EMISSIONS (GM/MI)	0.22	1.78	921.69	1.50	1.48	
FUEL ECONOMY (MPG) - 9.59						

COMMENT :

A122

VEHICLE NO. - T3074160 DATE RECEIVED - 12/12/74

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 12/15/74 RUN NO - A07501 WB TEMP - 62.0 DB TEMP - 68.0 BARO - 30.06

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	32.	0.03	561.
LO	34.	30.	0.03	1342.
IDLE	0.	30.	0.02	179.

FEDERAL THREE-MODE TEST

HI	50.	32.	0.04	842.
LO	30.	40.	0.03	2444.
IDLE	0.	30.	0.02	105.

UNLOADED TEST

RPM - 2500.	30.	0.03	450.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 5614.

	HC	CO	CO2	NOX
SAMPLE (CONCENTRATION)	21.	13.	1.44	28.
BACKGROUND (CONCENTRATION)	11.	0.	0.03	0.
MASS EMISSIONS (GM/MI)	0.35	0.91	1556.67	3.23

NOX(CORR.) 3.19 HUCF 0.988

COMPOSITE NJ/NY TEST

INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 3399.

SAMPLE (CONCENTRATION)	17.	11.	1.26	13.
BACKGROUND (CONCENTRATION)	11.	0.	0.07	0.

VEHICLE NO. - T3074160 DATE RECEIVED - 12/12/74

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 12/16/74 RUN NO - A07504 WB TEMP - 63.0 DB TEMP - 75.0 BARO - 30.05
INERTIA - 5000. IHP - 11.1 AHP - 13.4 ODOM - 33536.

COLD START
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11616.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	31.	111.	2.51	86.		
BACKGROUND (CONCENTRATION)	10.	2.	0.08	0.		
MASS EMISSIONS (GRAMS)	0.96	10.07	3527.80	13.05	NOX(CORR.) 12.49	HUCF 0.957

COLD STABILIZED
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 20006.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	15.	11.	1.59	31.		
BACKGROUND (CONCENTRATION)	10.	1.	0.08	0.		
MASS EMISSIONS (GRAMS)	0.39	1.59	3775.53	8.10	NOX(CORR.) 7.75	HUCF 0.957

HOT START
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 11629.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	56.	99.	2.12	65.		
BACKGROUND (CONCENTRATION)	11.	0.	0.08	0.		
MASS EMISSIONS (GRAMS)	2.06	9.16	2964.93	9.88	NOX(CORR.) 9.45	HUCF 0.957

COMPOSITE

MASS EMISSIONS (GM/MI)	0.26	1.49	931.00	2.58	2.47	

FUEL ECONOMY (MPG) - 9.50

COMMENT :

VEHICLE NO. - T3074160 DATE RECEIVED - 12/12/74

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 12/16/74 RUN NO - A07504 WB TEMP - 63.0 DB TEMP - 75.0 BARO - 30.05

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	38.	0.05	561.
LO	34.	40.	0.03	1269.
IDLE	0.	38.	0.02	179.

FEDERAL THREE-MODE TEST

HI	50.	38.	0.05	867.
LO	30.	45.	0.03	2444.
IDLE	0.	35.	0.02	105.

A125

UNLOADED TEST

RPM - 2500.	32.	0.04	438.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 5659.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	21.	24.	1.52	58.		
BACKGROUND (CONCENTRATION)	12.	0.	0.12	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.32	1.70	1558.02	6.75	6.46	0.957

COMPOSITE NJ/NY TEST

INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2861 REV COUNT - 3403.

SAMPLE (CONCENTRATION)	20.	24.	1.25	22.
BACKGROUND (CONCENTRATION)	11.	0.	0.08	0.

TEST DATA FOR

FTP/SHORT CYCLE CORRELATION TESTING FOR 2C7(B) IMPLEMENTATION

CATALYST EQUIPPED VEHICLES

TASK ORDER 02

EPA CONTRACT NO. 68-03-0452

COMPUTER RUN DATE 02/24/75

VEHICLE NO. - T3114161 DATE RECEIVED - 01/20/75

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193151 STATE - CA LIC NO - 522540
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - C10602 EVAP - 1
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 19584. DWELL - 27.0 TIMING - 10.0 IDLE RPM - 700. IDLE CO - 0.0

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 01/22/75 RUN NO - A07731 WB TEMP - 69.0 DB TEMP - 75.0 BARO - 30.06
INERTIA - 5000. IHP - 10.0 AHP - 13.4 ODOM - 19600.

COLD START
INLET PRESS. - 38.90 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 11613.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	108.	499.	2.42	70.		
BACKGROUND (CONCENTRATION)	11.	1.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	4.43	45.87	3415.30	10.59	11.73	1.107

COLD STABILIZED
INLET PRESS. - 38.90 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 19753.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	35.	16.	1.52	36.		
BACKGROUND (CONCENTRATION)	12.	0.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.90	2.85	3630.22	9.10	10.07	1.107

HOT START
INLET PRESS. - 38.70 TEMP - 110. VOL/REV - 0.2858 REV COUNT - 11615.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	222.	337.	2.11	65.		
BACKGROUND (CONCENTRATION)	12.	0.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	9.59	31.07	2969.83	9.85	10.90	1.107

COMPOSITE
MASS EMISSIONS (GF/MI) 1.22 5.37 905.95 2.57 2.84
FUEL ECONOMY (MPG) - 9.67

COMMENT :

A127

VEHICLE NO. - T3114161 DATE RECEIVED - 01/20/75 PAGE 3

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 01/22/75 RUN NO - A07731 WB TEMP - 69.0 DB TEMP - 75.0 BARO - 30.06

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	52.	0.04	796.
LO	34.	48.	0.03	1792.
IDLE	0.	65.	0.03	285.

FEDERAL THREE-MODE TEST

HI	50.	45.	0.04	1036.
LO	30.	55.	0.03	2444.
IDLE	0.	50.	0.03	13.

UNLOADED TEST

RPM - 2500. 42. 0.04 602.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 29.10 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 2918.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	58.	133.	1.41	65.		
BACKGROUND (CONCENTRATION)	10.	0.	0.03	0.		
MASS EMISSIONS (GM/MI)	0.84	4.68	763.43	3.76	NOX(CORR.) 4.16	HUCF 1.107

COMPOSITE NJ/NY TEST
INLET PRESS. - 38.90 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 1707.

SAMPLE (CONCENTRATION)	41.	8.	1.33	29.
BACKGROUND (CONCENTRATION)	9.	0.	0.04	0.

VEHICLE NO. - T3114161 DATE RECEIVED - 01/20/75

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 01/27/75 RUN NO - A07763 WB TEMP - 61.0 DB TEMP - 68.0 BARO - 29.78
INERTIA - 5000. IHP - 10.0 AHP - 13.4 ODOM - 19645.

COLD START
INLET PRESS. - 38.90 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 11625.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	121.	668.	2.60	63.		
BACKGROUND (CONCENTRATION)	13.	0.	0.06	0.		
MASS EMISSIONS (GRAMS)	4.88	60.96	3641.71	9.44	NOX(CORR.) 9.17	HUCF 0.971

COLD STABILIZED
INLET PRESS. - 38.90 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 19987.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	40.	67.	1.61	31.		
BACKGROUND (CONCENTRATION)	14.	3.	0.07	1.		
MASS EMISSIONS (GRAMS)	2.02	10.04	3796.17	7.73	NOX(CORR.) 7.51	HUCF 0.971

HOT START
INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 11623.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	123.	312.	2.20	58.		
BACKGROUND (CONCENTRATION)	11.	0.	0.06	0.		
MASS EMISSIONS (GRAMS)	5.06	28.45	3065.77	8.69	NOX(CORR.) 8.43	HUCF 0.971

COMPOSITE

	HC	CO	CO2	NOX	
MASS EMISSIONS (GM/MI)	0.93	7.00	947.95	2.23	2.17
FUEL ECONOMY (MPG) - 9.23					

COMMENT :

VEHICLE NO. - T3114161 DATE RECEIVED - 01/20/75

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 01/27/75 RUN NO - A07763 WB TEMP - 61.0 DB TEMP - 68.0 BARO - 29.78

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	69.	0.02	680.
LO	34.	60.	0.03	1906.
IDLE	0.	63.	0.02	245.

FEDERAL THREE-MODE TEST

HI	50.	52.	0.03	872.
LO	30.	50.	0.03	3241.
IDLE	0.	48.	0.04	123.

A130

UNLOADED TEST

RPM - 2500.	40.	0.03	602.
COMMENTS :			

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 38.90 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 2801.

	HC	CO	CO2	NOx		
SAMPLE (CONCENTRATION)	61.	61.	1.48	71.		
BACKGROUND (CONCENTRATION)	10.	3.	0.06	1.		
MASS EMISSIONS (GM/MI)	0.88	2.03	781.09	4.03	NOX(CORR.) 3.91	HUCF 0.971

COMPOSITE NJ/NY TEST

INLET PRESS. - 39.90 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 1690.

SAMPLE (CONCENTRATION)	76.	203.	1.25	21.
BACKGROUND (CONCENTRATION)	13.	0.	0.04	0.

VEHICLE NO. - T1754162 DATE RECEIVED - 01/20/75

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S192959 STATE - CA LIC NO - 34T 014
CYL - 8 CID - 400 EBL - 2 EXHAUST CONTROLS - C10608 EVAP - 1
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 8938. DWELL - 26.0 TIMING - 15.0 IDLE RPM - 630. IDLE CO - 0.02

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 01/24/75 RUN NO - A07752 WB TEMP - 66.0 DB TEMP - 75.0 BARO - 30.02
INERTIA - 5000. IHP - 10.0 AHP - 13.4 CDCF - 8982.

COLD START
INLET PRESS. - 39.40 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 11604.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	84.	389.	2.79	81.		
BACKGROUND (CONCENTRATION)	18.	0.	0.07	0.		
				NOX(CORR.)	HUCF	
MASS EMISSIONS (GRAMS)	3.00	53.98	3916.63	12.19	12.49	1.024

COLD STABILIZED
INLET PRESS. - 39.40 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 19953.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	26.	13.	1.64	35.		
BACKGROUND (CONCENTRATION)	17.	0.	0.06	0.		
				NOX(CORR.)	HUCF	
MASS EMISSIONS (GRAMS)	0.70	2.05	3912.02	9.06	9.28	1.024

HOT START
INLET PRESS. - 39.20 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 11615.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	77.	89.	2.28	73.		
BACKGROUND (CONCENTRATION)	15.	0.	0.05	0.		
				NOX(CORR.)	HUCF	
MASS EMISSIONS (GRAMS)	2.82	8.17	3218.10	11.01	11.28	1.024
COMPOSITE						
MASS EMISSIONS (GM/MI)	0.46	3.99	990.73	2.74	2.61	
FUEL ECONOMY (MPG) - 8.89						

COMMENT :

A131

VEHICLE NO. - T1754162 DATE RECEIVED - 01/20/75 PAGE 7

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 01/24/75 RUN NO - A07752 WB TEMP - 66.0 DB TEMP - 75.0 BARO - 30.02

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	42.	0.05	550.
LO	34.	40.	0.03	1356.
IDLE	0.	45.	0.03	245.

FEDERAL THREE-MODE TEST

HI	50.	38.	0.05	834.
LO	30.	50.	0.04	2556.
IDLE	0.	42.	0.03	109.

132

UNLOADED TEST

RPM - 2500. 45. 0.04 550.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 39.40 TEMP - 110. VOL/REV - 0.2853 REV COUNT - 2824.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	36.	28.	1.52	63.		
BACKGROUND (CONCENTRATION)	27.	7.	0.03	0.		
MASS EMISSIONS (GM/MI)	0.16	0.74	825.17	3.65	NOX(CORR.) 3.74	HUCF 1.024

COMPOSITE NJ/NY TEST
INLET PRESS. - 39.30 TEMP - 110. VOL/REV - 0.2854 REV COUNT - 1703.

SAMPLE (CONCENTRATION)	36.	18.	1.35	35.
BACKGROUND (CONCENTRATION)	25.	0.	0.05	0.

VEHICLE NO. - T1754162 DATE RECEIVED - 01/20/75

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 02/17/75 RUN NO - AC7905 WB TEMP - 62.0 DB TEMP - 73.0 BARO - 28.99
INERTIA - 5000. IHP - 10.1 AHP - 13.4 CDDM - 9120.

COLD START
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2714 REV COUNT - 11603.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	90.	566.	2.77	78.		
BACKGROUND (CONCENTRATION)	22.	14.	0.10	1.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.94	48.21	3663.91	11.09	10.92	0.952

COLD STABILIZED
INLET PRESS. - 38.20 TEMP - 110. VOL/REV - 0.2714 REV COUNT - 19910.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	29.	25.	1.73	39.		
BACKGROUND (CONCENTRATION)	20.	6.	0.08	1.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.67	2.85	3886.25	9.36	8.91	0.952

HOT START
INLET PRESS. - 38.40 TEMP - 110. VOL/REV - 0.2713 REV COUNT - 11610.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	105.	134.	2.24	77.		
BACKGROUND (CONCENTRATION)	23.	43.	0.08	1.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	3.55	7.95	2963.92	10.90	10.38	0.952

COMPOSITE

MASS EMISSIONS (GM/MI)	0.53	3.75	953.49	2.71	2.58

FUEL ECONOMY (MPG) - 9.24

COMMENT :

VEHICLE NO. - T1754162 DATE RECEIVED - 01/20/75

SHORT TEST SEQUENCE NUMBER - 2.

TEST CCND : RUN DATE - 02/17/75 RUN NO - A07905 WB TEMP - 62.0 DB TEMP - 73.0 BARO - 29.99

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	40.	0.04	693.
LO	34.	42.	0.03	1860.
IDLE	0.	38.	0.02	285.

FEDERAL THREE-MODE TEST

HI	50.	35.	0.04	1011.
LO	30.	48.	0.03	2752.
IDLE	0.	35.	0.02	96.

1134

UNLOADED TEST

RPM - 2500.	40.	0.04	550.	
COMMENTS :				

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 38.50 TEMP - 110. VOL/REV - 0.2713 REV COUNT - 2831.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	28.	24.	1.52	85.		
BACKGROUND (CONCENTRATION)	12.	0.	0.08	0.		
MASS EMISSIONS (GM/MI)	0.27	0.81	760.22	4.69	NOX(CORR.) 4.47	HUCF 0.952

COMPOSITE NJ/NY TEST

INLET PRESS. - 38.50 TEMP - 110. VOL/REV - 0.2713 REV COUNT - 1707.

SAMPLE (CONCENTRATION)	30.	25.	1.27	31.
BACKGROUND (CONCENTRATION)	11.	2.	0.07	0.

VEHICLE NO. - T3024163 DATE RECEIVED - 01/20/75

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - 3J54S193045 STATE - CA LIC NO - 822532
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - C10606 EVAP - 1
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 21298. DWELL - 23.5 TIMING - 14.0 IDLE RPM - 680. IDLE CO - 0.0

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 01/22/75 RUN NO - A07730 WB TEMP - 69.0 DB TEMP - 73.0 BARO - 30.13
INERTIA - 5000. IHP - 10.0 AHP - 13.4 ODOM - 21314.

COLD START
INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 11618.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	92.	170.	2.28	85.		
BACKGROUND (CONCENTRATION)	11.	0.	0.05	0.		
MASS EMISSIONS (GRAMS)	3.70	15.70	3234.96	12.69	NOX(CORR.) 14.81	HCCF 1.128

COLD STABILIZED
INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 19975.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	42.	2.	1.41	40.		
BACKGROUND (CONCENTRATION)	11.	0.	0.06	0.		
MASS EMISSIONS (GRAMS)	2.44	0.32	3366.97	10.43	NOX(CORR.) 11.74	HCCF 1.126

HOT START
INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 11681.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	159.	132.	1.35	78.		
BACKGROUND (CONCENTRATION)	11.	0.	0.03	0.		
MASS EMISSIONS (GRAMS)	6.78	12.20	2789.29	11.84	NOX(CORR.) 13.33	HCCF 1.126

COMPOSITE
MASS EMISSIONS (GM/MI) 1.05 1.87 846.80 3.03 3.41
FUEL ECONOMY (MPG) - 10.41

COMMENT :

VEHICLE NO. - T3024163 DATE RECEIVED - 01/20/75

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 01/22/75 RUN NO - A07730 WB TEMP - 69.0 DB TEMP - 73.0 BARO - 30.13

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	51.	0.03	847.
LO	34.	50.	0.03	1711.
IDLE	0.	70.	0.02	258.

FEDERAL THREE-MODE TEST

HI	50.	48.	0.04	1416.
LO	30.	50.	0.03	2444.
IDLE	0.	49.	0.03	136.

A136

UNLOADED TEST

RPM - 2500.	55.	0.03	563.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 38.70 TEMP - 110. VOL/REV - 0.2858 REV COUNT - 2828.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	71.	0.	1.56	100.		
BACKGROUND (CONCENTRATION)	16.	0.	0.03	0.		
MASS EMISSIONS (GM/MI)	0.96	0.0	830.01	5.81	NOX(CORR.) 6.54	HUCF 1.126

COMPOSITE NJ/NY TEST

INLET PRESS. - 38.80 TEMP - 110. VOL/REV - 0.2858 REV COUNT - 1702.

SAMPLE (CONCENTRATION)	61.	0.	1.27	28.
BACKGROUND (CONCENTRATION)	12.	0.	0.04	0.

VEHICLE NO. - T3024163 DATE RECEIVED - 01/20/75

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 01/27/75 RUN NO - A07764 WB TEMP - 63.0 DB TEMP - 70.0 BARO - 29.79
INERTIA - 5000. IHP - 10.0 AHP - 13.4 ODOM - 21358.

COLD START
INLET PRESS. - 38.70 TEMP - 110. VOL/REV - 0.2858 REV COUNT - 11615.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	72.	165.	2.46	77.		
BACKGROUND (CONCENTRATION)	11.	0.	0.06	1.		
MASS EMISSIONS (GRAMS)	2.76	15.06	3442.38	11.40	NOX(CORR.) 11.37	HUCF 0.998

COLD STABILIZED
INLET PRESS. - 38.70 TEMP - 110. VOL/REV - 0.2858 REV COUNT - 10933.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	45.	12.	1.50	37.		
BACKGROUND (CONCENTRATION)	12.	9.	0.03	0.		
MASS EMISSIONS (GRAMS)	2.56	0.47	3616.41	9.52	NOX(CORR.) 9.50	HUCF 0.995

HOT START
INLET PRESS. - 39.10 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 11628.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	93.	44.	2.04	70.		
BACKGROUND (CONCENTRATION)	11.	0.	0.06	0.		
MASS EMISSIONS (GRAMS)	3.71	8.58	2838.05	10.49	NOX(CORR.) 10.47	HUCF 0.998

COMPOSITE
MASS EMISSIONS (GM/MI) 0.78 1.58 895.51 2.72 2.71
FUEL ECONOMY (MPG) - 9.86

COMMENT :

VEHICLE NO. - T3024163 DATE RECEIVED - 01/20/75

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 01/27/75 RUN NO - A07764 WB TEMP - 63.0 DB TEMP - 70.0 BARO - 29.79

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	62.	0.04	809.
LO	34.	52.	0.03	1906.
IDLE	0.	58.	0.02	258.

FEDERAL THREE-MODE TEST

HI	50.	42.	0.04	1295.
LO	30.	60.	0.03	2997.
IDLE	0.	55.	0.03	123.

UNLOADED TEST

RPM - 2500. 60. 0.03 550.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 38.90 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 2806.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	58.	89.	1.70	82.		
BACKGROUND (CONCENTRATION)	12.	2.	0.06	1.		
MASS EMISSIONS (GM/MI)	0.80	3.05	904.36	4.67	NOX(CORR.) 4.66	HUCF 0.998

COMPOSITE NJ/NY TEST
INLET PRESS. - 38.90 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 1698.

SAMPLE (CONCENTRATION)	58.	10.	1.41	53.
BACKGROUND (CONCENTRATION)	10.	0.	0.05	1.

VEHICLE NO. - T2104164 DATE RECEIVED - 01/20/75

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193309 STATE - CA LIC NO -
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - C10608 EVAP - 1
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 23223. DWELL - 31.0 TIMING - 13.0 IDLE RPM - 610. IDLE CO - 0.03

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 01/24/75 RUN NO - A07751 WB TEMP - 65.0 DB TEMP - 73.0 BARO - 30.05
INERTIA - 5000. IHP - 10.0 AHP - 13.4 ODOM - 23261.

COLD START
INLET PRESS. - 39.20 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 11617.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	234.	828.	2.88	67.		
BACKGROUND (CONCENTRATION)	19.	3.	0.06	1.		
MASS EMISSIONS (GRAMS)	9.79	75.87	4074.73	9.97	NOX(CORR.) 10.13	HUCF 1.016

COLD STABILIZED
INLET PRESS. - 39.20 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 19950.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	161.	45.	1.73	32.		
BACKGROUND (CONCENTRATION)	17.	1.	0.06	0.		
MASS EMISSIONS (GRAMS)	11.26	6.95	4143.95	8.30	NOX(CORR.) 8.44	HUCF 1.016

HOT START
INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 11619.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	318.	214.	2.37	52.		
BACKGROUND (CONCENTRATION)	17.	0.	0.06	0.		
MASS EMISSIONS (GRAMS)	13.73	19.70	3341.36	7.86	NOX(CORR.) 7.99	HUCF 1.016
COMPOSITE						
MASS EMISSIONS (GM/MI)	3.11	6.77	1040.09	2.28	2.31	
FUEL ECONOMY (MPG) - 8.37						

COMMENT :

VEHICLE NO. - T2104164 DATE RECEIVED - 01/20/75 PAGE 15

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 01/24/75 RUN NO - A07751 WB TEMP - 65.0 DB TEMP - 73.0 BARO - 30.05

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	70.	0.08	628.
LO	34.	72.	0.04	1036.
IDLE	0.	160.	0.04	245.

FEDERAL THREE-MODE TEST

HI	50.	75.	0.07	885.
LO	30.	90.	0.05	2303.
IDLE	0.	200.	0.05	82.

A140

UNLOADED TEST

RPM - 2500.		75.	0.06	497.
COMMENTS :				

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 39.10 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 2822.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	179.	56.	1.61	47.		
BACKGROUND (CONCENTRATION)	15.	0.	0.04	0.		
MASS EMISSIONS (GM/MI)	2.86	1.97	869.46	2.72	NOX(CORR.) 2.77	HUCF 1.016

COMPOSITE NJ/NY TEST

INLET PRESS. - 39.20 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 1700.

SAMPLE (CONCENTRATION)	217.	50.	1.34	26.
BACKGROUND (CONCENTRATION)	14.	0.	0.04	0.

VEHICLE NO. - T2104164 DATE RECEIVED - 01/20/75

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 02/03/75 RUN NO - A07812 WB TEMP - 64.0 DB TEMP - 72.0 BARO - 30.02
INERTIA - 5000. IHP - 10.0 AHP - 13.4 CODE - 23307.

COLD START
INLET PRESS. - 38.80 TEMP - 110. VOL/REV - 0.2858 REV COUNT - 11611.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	240.	511.	2.96	67.		
BACKGROUND (CONCENTRATION)	17.	6.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	10.16	46.47	4192.47	10.13	10.14	1.001

COLD STABILIZED
INLET PRESS. - 38.80 TEMP - 110. VOL/REV - 0.2858 REV COUNT - 13919.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	153.	49.	1.81	30.		
BACKGROUND (CONCENTRATION)	15.	0.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	10.79	7.73	4340.18	7.78	7.79	1.001

HOT START
INLET PRESS. - 39.10 TEMP - 110. VOL/REV - 0.2656 REV COUNT - 11608.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	342.	262.	2.46	48.		
BACKGROUND (CONCENTRATION)	13.	0.	0.07	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	14.97	24.07	3449.06	7.24	7.25	1.001
COMPOSITE						
MASS EMISSIONS (GM/MI)	3.16	5.52	1081.19	2.17	2.17	

FUEL ECONOMY (MPG) - 8.07

COMMENT :

A141

VEHICLE NO. - T2104164 DATE RECEIVED - 01/20/75

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 02/03/75 RUN NO - A07812 WB TEMP - 64.0 DB TEMP - 72.0 BARO - 30.02

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	50.	0.04	602.
LO	34.	38.	0.02	1098.
IDLE	0.	35.	0.02	204.

FEDERAL THREE-MODE TEST

HI	50.	55.	0.04	783.
LO	30.	48.	0.02	2129.
IDLE	0.	65.	0.02	82.

UNLOADED TEST

RPM - 2500.	45.	0.03	458.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 2825.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	192.	49.	1.60	54.		
BACKGROUND (CONCENTRATION)	12.	0.	0.06	0.		
MASS EMISSIONS (GM/MI)	3.15	1.73	854.06	3.13	NOX(CORR.) 3.14	HUCF 1.001

COMPOSITE NJ/NY TEST

INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 1695.

SAMPLE (CONCENTRATION)	224.	45.	1.38	22.
BACKGROUND (CONCENTRATION)	12.	0.	0.06	0.

VEHICLE NO. - F2364165 DATE RECEIVED - 01/23/75

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193335 STATE - CA LIC NO -
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - C10608 EVAP - 1
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 9918. DWELL - C.0 TIMING - 0.0 IDLE RPM - 0. IDLE CO - 0.0

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 02/17/75 RUN NO - A079C6 WB TEMP - 63.0 DB TEMP - 71.0 BARO - 30.02
INERTIA - 5000. IHP - 10.1 AHP - 10.4 CODE - 9948.

COLD START
INLET PRESS. - 37.20 TEMP - 110. VOL/REV - 0.2719 REV COUNT - 11501.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	40.	165.	3.06	73.		
BACKGROUND (CONCENTRATION)	11.	C.	0.08	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.26	14.49	4112.80	10.53	10.40	0.987

COLD STABILIZED
INLET PRESS. - 37.20 TEMP - 110. VOL/REV - 0.2719 REV COUNT - 19952.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	18.	6.	1.69	40.		
BACKGROUND (CONCENTRATION)	11.	C.	0.07	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.52	C.91	3845.28	9.93	9.80	0.987

HOT START
INLET PRESS. - 37.30 TEMP - 110. VOL/REV - 0.2719 REV COUNT - 11607.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	83.	67.	2.37	61.		
BACKGROUND (CONCENTRATION)	10.	0.	0.08	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	3.18	5.89	3161.29	8.60	8.49	0.987
COMPOSITE						
MASS EMISSIONS (GM/MI)	0.38	1.40	988.76	2.60	2.56	

FUEL ECONOMY (MPG) - 8.95

COMMENT :

VEHICLE NO. - T2364165 DATE RECEIVED - 01/23/75

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 02/17/75 RUN NO - A079C6 WB TEMP - 63.0 DB TEMP - 71.0 BARO - 30.02

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	35.	0.03	511.
LO	34.	38.	0.03	1511.
IDLE	0.	35.	0.02	218.

FEDERAL THREE-MODE TEST

HI	50.	30.	0.03	667.
LO	30.	38.	0.03	2217.
IDLE	0.	32.	0.03	109.

144

UNLOADED TEST

RPM - 2500.	30.	0.04	418.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 37.40 TEMP - 110. VOL/REV - 0.2718 REV COUNT - 2525.

	HC	CO	CO2	NOX
SAMPLE (CONCENTRATION)	23.	9.	1.58	67.
BACKGROUND (CONCENTRATION)	11.	0.	0.08	0.

					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.20	0.30	791.68	3.70	3.65	0.987

COMPOSITE NJ/NY TEST
INLET PRESS. - 37.40 TEMP - 110. VOL/REV - 0.2718 REV COUNT - 1714.

SAMPLE (CONCENTRATION)	22.	6.	1.36	32.
BACKGROUND (CONCENTRATION)	11.	0.	0.07	0.

VEHICLE NO. - T2364165 DATE RECEIVED - 01/23/75

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 02/19/75 RUN NO - A07934 WB TEMP - 67.0 DB TEMP - 74.0 BARO - 30.07

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	35.	0.04	405.
LO	34.	39.	0.02	1234.
IDLE	0.	41.	0.01	191.

FEDERAL THREE-MODE TEST

HI	50.	31.	0.03	602.
LO	30.	41.	0.03	2065.
IDLE	0.	39.	0.02	96.

145

UNLOADED TEST

RPM - 2500. 39. 0.02 445.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.20 TEMP - 110. VOL/REV - 0.2703 REV COUNT - 2829.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	26.	28.	1.61	49.		
BACKGROUND (CONCENTRATION)	11.	3.	0.08	1.		
MASS EMISSIONS (GM/MI)	0.25	0.84	804.19	2.64	NOX(CORR.) 2.79	HUCF 1.058

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2702 REV COUNT - 1708.

SAMPLE (CONCENTRATION)	28.	29.	1.30	24.
BACKGROUND (CONCENTRATION)	12.	9.	0.06	1.

VEHICLE NO. - T2364165 DATE RECEIVED - 01/23/75 PAGE 20

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.

TEST COND : RUN DATE - 02/19/75 RUN NO - A07934 WB TEMP - 67.0 DB TEMP - 74.0 BARO - 30.07
INERTIA - 5000. IHP - 10.1 AHP - 13.4 ODOM - 9975.

COLD START
INLET PRESS. - 43.30 TEMP - 110. VOL/REV - 0.2702 REV COUNT - 11603.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	40.	193.	3.11	64.		
BACKGROUND (CONCENTRATION)	12.	0.	0.08	1.		
MASS EMISSIONS (GRAMS)	1.19	16.60	4095.66	8.90	NOX(CORR.) 9.42	HUCF 1.058

COLD STABILIZED
INLET PRESS. - 40.30 TEMP - 110. VOL/REV - 0.2702 REV COUNT - 19918.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	18.	9.	1.70	34.		
BACKGROUND (CONCENTRATION)	11.	2.	0.07	1.		
MASS EMISSIONS (GRAMS)	0.52	1.04	3813.23	8.07	NOX(CORR.) 8.54	HUCF 1.058

HOT START
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2702 REV COUNT - 11606.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	116.	102.	2.41	50.		
BACKGROUND (CONCENTRATION)	11.	0.	0.07	1.		
MASS EMISSIONS (GRAMS)	4.51	8.85	3188.90	6.96	NOX(CORR.) 7.39	HUCF 1.058

COMPOSITE

MASS EMISSIONS (GM/MI)	0.48	1.76	985.60	2.12	2.24	
FUEL ECONOMY (MPG) - 8.97						

COMMENT :

A146

VEHICLE NO. - T3284166 DATE RECEIVED - 01/27/75

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193080 STATE - CA LIC NO - E822505
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - C10608 EVAP - 1
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 20065. DWELL - 30.0 TIMING - 12.0 IDLE RPM - 550. IDLE CO - 0.0

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 01/29/75 RUN NO - A07773 WB TEMP - 58.0 DB TEMP - 66.0 BARO - 29.92
INERTIA - 5000. IHP - 10.0 AHP - 13.4 CODE - 20072.

COLD START
INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 11605.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	104.	414.	2.59	75.		
BACKGROUND (CONCENTRATION)	11.	3.	0.05	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	4.22	37.61	3652.07	11.27	10.31	0.914

COLD STABILIZED
INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 19942.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	40.	3.	1.53	42.		
BACKGROUND (CONCENTRATION)	10.	0.	0.05	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.34	0.47	3656.71	10.85	9.92	0.914

HOT START
INLET PRESS. - 38.90 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 11628.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	90.	112.	2.13	72.		
BACKGROUND (CONCENTRATION)	11.	0.	0.06	1.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	3.59	10.27	2983.01	10.70	9.78	0.914

COMPOSITE

MASS EMISSIONS (GM/MI)	0.83	3.00	923.66	2.91	2.66	
FUEL ECONOMY (MPG) - 9.53						

COMMENT :

A147

VEHICLE NO. - T3284166 DATE RECEIVED - 01/27/75

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 01/29/75 RUN NO - A07773 WB TEMP - 58.0 DB TEMP - 68.0 BARO - 29.92

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	42.	0.03	770.
LO	34.	38.	0.02	1606.
IDLE	0.	45.	0.02	312.

FEDERAL THREE-MODE TEST

HI	50.	42.	0.03	1173.
LO	30.	45.	0.02	3046.
IDLE	0.	35.	0.02	123.

UNLOADED TEST

RPM - 2500.	30.	0.03	563.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 2821.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	45.	3.	1.45	72.		
BACKGROUND (CONCENTRATION)	11.	0.	0.06	0.		
MASS EMISSIONS (GM/MI)	0.59	0.11	769.78	4.17	NOX(CORR.) 3.81	HUCF 0.914

COMPOSITE NJ/NY TEST
INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 1698.

SAMPLE (CONCENTRATION)	42.	4.	1.26	30.
BACKGROUND (CONCENTRATION)	10.	3.	0.06	0.

VEHICLE NO. - T3284166 DATE RECEIVED - 01/27/75

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 01/30/75 RUN NO - A07789 WB TEMP - 61.0 DB TEMP - 69.0 BARO - 29.86
INERTIA - 5000. IHP - 10.0 AHP - 13.4 ODOM - 20095.

COLD START
INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 11622.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	124.	537.	2.64	67.		
BACKGROUND (CONCENTRATION)	20.	27.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	4.71	46.64	3706.78	10.06	9.69	0.963

COLD STABILIZED
INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 19952.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	45.	13.	1.65	40.		
BACKGROUND (CONCENTRATION)	15.	8.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	2.33	0.78	3921.75	10.42	9.93	0.963

HOT START
INLET PRESS. - 38.90 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 11612.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	125.	89.	2.13	75.		
BACKGROUND (CONCENTRATION)	13.	0.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	5.07	8.14	2973.34	11.26	10.84	0.963

COMPOSITE
MASS EMISSIONS (GM/MI) 0.97 3.40 961.40 2.81 2.70
FUEL ECONOMY (MPG) - 9.15

COMMENT :

VEHICLE NO. - T3284166 DATE RECEIVED - 01/27/75

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 01/30/75 RUN NO - A07789 WB TEMP - 61.0 DB TEMP - 69.0 BARO - 29.86

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	48.	0.03	809.
LO	34.	42.	0.02	1780.
IDLE	0.	45.	0.02	312.

FEDERAL THREE-MODE TEST

HI	50.	45.	0.03	1073.
LO	30.	48.	0.02	2948.
IDLE	0.	40.	0.02	123.

A150

UNLOADED TEST

RPM - 2500.	35.	0.03	563.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 2921.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	50.	2.	1.51	72.		
BACKGROUND (CONCENTRATION)	13.	0.	0.06	0.		
MASS EMISSIONS (GM/MI)	0.65	0.07	803.00	4.17	NOX(CORR.) 4.01	HUCF 0.963

COMPOSITE NJ/NY TEST

INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 1729.

SAMPLE (CONCENTRATION)	44.	2.	1.26	28.
BACKGROUND (CONCENTRATION)	12.	0.	0.06	0.

VEHICLE NO. - T3354167 DATE RECEIVED - 01/27/75 PAGE 26

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193073 STATE - CA LIC NO - 1822511
CYL - 8 CID - 400 EBL - 2 EXHAUST CONTROLS - C10606 EVAP - 1
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 20533. DWELL - 30.0 TIMING - 12.0 IDLE RPM - 550. IDLE CO - 0.0

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 01/29/75 RUN NO - A07774 WB TEMP - 59.0 DB TEMP - 70.0 BARO - 29.94
INERTIA - 5000. IHP - 10.0 AHP - 13.4 ODOM - 20541.

COLD START
INLET PRESS. - 39.20 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 11610.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	62.	263.	2.49	68.		
BACKGROUND (CONCENTRATION)	13.	C.	0.06	0.		
MASS EMISSIONS (GRAMS)	2.22	24.08	3494.88	10.23	NOX(CORR.) 9.39	HUCF 0.918

COLD STABILIZED
INLET PRESS. - 39.20 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 19941.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	25.	27.	1.45	39.		
BACKGROUND (CONCENTRATION)	13.	C.	0.06	0.		
MASS EMISSIONS (GRAMS)	0.93	4.25	3433.64	10.07	NOX(CORR.) 9.25	HUCF 0.918

HOT START
INLET PRESS. - 39.10 TEMP - 110. VOL/REV - 0.2855 REV COUNT - 11608.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	108.	132.	1.98	71.		
BACKGROUND (CONCENTRATION)	13.	C.	0.05	C.		
MASS EMISSIONS (GRAMS)	4.31	12.08	2776.04	10.68	NOX(CORR.) 9.80	HUCF 0.918

COMPOSITE
MASS EMISSIONS (GM/MI) 0.58 2.86 869.17 2.74 2.52
FUEL ECONOMY (MPG) - 10.14

COMMENT :

A151

VEHICLE NO. - T3354167 DATE RECEIVED - 01/27/75

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 01/29/75 RUN NO - A07774 WB TEMP - 59.0 DB TEMP - 70.0 BARO - 29.94

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	35.	0.05	719.
LO	34.	28.	0.03	1606.
IDLE	0.	30.	0.03	150.

FEDERAL THREE-MODE TEST

HI	50.	35.	0.05	1197.
LO	30.	35.	0.03	2997.
IDLE	0.	25.	0.03	82.

A152

UNLOADED TEST

RPM - 2500.	50.	0.03	431.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 38.90 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 2798.

	HC	CO	CO2	NOX
SAMPLE (CONCENTRATION)	58.	58.	1.57	70.
BACKGROUND (CONCENTRATION)	14.	0.	0.06	0.

					NOX(CORR.)	HUCF
MASS EMISSIONS (GM/MI)	0.76	2.03	829.41	4.02	3.69	0.918

COMPOSITE NJ/NY TEST

INLET PRESS. - 38.90 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 1699.

SAMPLE (CONCENTRATION)	30.	11.	1.17	30.
BACKGROUND (CONCENTRATION)	13.	0.	0.05	0.

VEHICLE NO. - T3354167 DATE RECEIVED - 01/27/75

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 01/30/75 RUN NO - A07790 WB TEMP - 61.0 DB TEMP - 68.0 BARO - 29.85
INERTIA - 5000. IHP - 10.0 AHP - 13.4 ODOM - 20562.

COLD START
INLET PRESS. - 38.80 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 11702.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	57.	163.	2.58	68.		
BACKGROUND (CONCENTRATION)	11.	0.	0.06	0.		
MASS EMISSIONS (GRAMS)	2.10	15.02	3647.41	10.29	NOX(CORR.) 9.98	HUCF 0.970

COLD STABILIZED
INLET PRESS. - 38.80 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 19964.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	22.	24.	1.51	35.		
BACKGROUND (CONCENTRATION)	11.	0.	0.05	0.		
MASS EMISSIONS (GRAMS)	0.86	3.77	3605.16	9.04	NOX(CORR.) 8.77	HUCF 0.970

HOT START
INLET PRESS. - 38.80 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 11638.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	62.	99.	2.06	71.		
BACKGROUND (CONCENTRATION)	11.	0.	0.06	0.		
MASS EMISSIONS (GRAMS)	2.31	9.07	2878.94	10.69	NOX(CORR.) 10.37	HUCF 0.970

COMPOSITE

MASS EMISSIONS (GM/MI)	0.41	2.05	908.61	2.61	2.53

FUEL ECONOMY (MPG) - 9.72

COMMENT :

VEHICLE NO. - T3354167 DATE RECEIVED - 01/27/75

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 01/30/75 RUN NO - A07790 W8 TEMP - 61.0 D3 TEMP - 68.0 BARO - 29.85

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	39.	0.05	563.
LO	34.	33.	0.03	1404.
IDLE	0.	34.	0.02	164.

FEDERAL THREE-MODE TEST

HI	50.	40.	0.05	1061.
LO	30.	40.	0.03	2850.
IDLE	0.	30.	0.02	109.

A154

UNLOADED TEST

RPM - 2500.		48.	0.02	418.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 2825.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	37.	24.	1.40	68.		
BACKGROUND (CONCENTRATION)	11.	C.	0.06	0.		
MASS EMISSIONS (GM/MI)	0.45	C.85	743.14	3.94	NOX(CORR.) 3.82	HUCF 0.970

COMPOSITE NJ/NY TEST

INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 1714.

SAMPLE (CONCENTRATION)	28.	14.	1.14	40.
BACKGROUND (CONCENTRATION)	10.	C.	0.07	0.

VEHICLE NO. - T3404168 DATE RECEIVED - 02/03/75

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - 3J545193376F STATE - CA LIC NO - 922515
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - C10608 EVAP - 1
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 23855. DWELL - 0.0 TIMING - 0.0 IDLE RPM - 0. IDLE CO - 0.0

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 02/06/75 RUN NO - A07844 WB TEMP - 66.0 DB TEMP - 74.0 BARO - 30.02
INERTIA - 5000. IHP - 10.0 AHP - 13.4 ODOM - 23898.

COLD START
INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 11601.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	143.	146.	2.55	78.		
BACKGROUND (CONCENTRATION)	10.	0.	0.08	0.		
MASS EMISSIONS (GRAMS)	6.05	13.41	3563.33	11.77	NOX(CORR.) 12.15	HUCF 1.033

COLD STABILIZED
INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 19930.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	128.	36.	1.53	28.		
BACKGROUND (CONCENTRATION)	11.	0.	0.05	0.		
MASS EMISSIONS (GRAMS)	9.14	5.68	3668.02	7.26	NOX(CORR.) 7.49	HUCF 1.033

HOT START
INLET PRESS. - 38.90 TEMP - 110. VOL/REV - 0.2857 REV COUNT - 11616.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	153.	150.	2.08	60.		
BACKGROUND (CONCENTRATION)	14.	4.	0.05	0.		
MASS EMISSIONS (GRAMS)	6.33	13.43	2934.17	9.07	NOX(CORR.) 9.37	HUCF 1.033

COMPOSITE

MASS EMISSIONS (GM/MI)	2.05	2.55	916.36	2.33	2.41	
FUEL ECONOMY (MPG) - 9.58						

COMMENT :

A155

VEHICLE NO. - T3404168 DATE RECEIVED - 02/03/75

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 02/06/75 RUN NO - A07844 WB TEMP - 66.0 DB TEMP - 74.0 BARO - 30.02

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	60.	0.05	693.
LO	34.	55.	0.04	1511.
IDLE	0.	80.	0.03	231.

FEDERAL THREE-MODE TEST

HI	50.	55.	0.06	1197.
LO	30.	52.	0.04	2752.
IDLE	0.	48.	0.04	82.

A156

UNLOADED TEST

RPM - 2500. 520. 0.06 654.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 2822.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	71.	34.	1.45	62.		
BACKGROUND (CONCENTRATION)	17.	2.	0.07	0.		
MASS EMISSIONS (GM/MI)	0.94	1.13	764.51	3.59	NOX(CORR.) 3.71	HUCF 1.033

COMPOSITE NJ/NY TEST
INLET PRESS. - 39.00 TEMP - 110. VOL/REV - 0.2856 REV COUNT - 1767.

SAMPLE (CONCENTRATION)	89.	88.	0.90	18.
BACKGROUND (CONCENTRATION)	16.	1.	0.06	0.

VEHICLE NO. - T3404168 DATE RECEIVED - 02/03/75

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 02/18/75 RUN NO - A07918 WB TEMP - 64.0 DB TEMP - 76.0 BARO - 30.07
INERTIA - 5000. IHP - 10.1 AHP - 13.4 CODY - 23956.

COLD START
INLET PRESS. - 35.50 TEMP - 110. VOL/REV - 0.2728 REV COUNT - 11622.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	175.	412.	2.64	141.		
BACKGROUND (CONCENTRATION)	12.	9.	0.06	0.		
MASS EMISSIONS (GRAMS)	7.17	35.81	3881.19	20.58	NOX(CORR.) 19.96	HUCF 0.970

COLD STABILIZED
INLET PRESS. - 35.50 TEMP - 110. VOL/REV - 0.2728 REV COUNT - 19981.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	70.	34.	1.58	34.		
BACKGROUND (CONCENTRATION)	10.	5.	0.08	1.		
MASS EMISSIONS (GRAMS)	4.54	4.43	3600.37	8.25	NOX(CORR.) 8.03	HUCF 0.970

HOT START
INLET PRESS. - 35.50 TEMP - 110. VOL/REV - 0.2728 REV COUNT - 11699.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	194.	143.	2.07	71.		
BACKGROUND (CONCENTRATION)	10.	6.	0.07	0.		
MASS EMISSIONS (GRAMS)	8.15	12.25	2810.72	10.43	NOX(CORR.) 10.12	HUCF 0.970

COMPOSITE
MASS EMISSIONS (GM/MI) 1.64 3.58 916.19 3.08 2.98
FUEL ECONOMY (MPG) - 9.57

COMMENT :

VEHICLE NO. - T3404168 DATE RECEIVED - 02/03/75

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 02/18/75 RUN NO - A07918 WB TEMP - 64.0 DB TEMP - 76.0 BARO - 30.07

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	85.	0.05	910.
LO	34.	165.	0.03	1815.
IDLE	0.	65.	0.02	218.

FEDERAL THREE-MODE TEST

HI	50.	65.	0.05	1160.
LO	30.	185.	0.03	2948.
IDLE	0.	49.	0.02	82.

A158

UNLOADED TEST

RPM - 2500.		550.	0.05	615.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 35.80 TEMP - 110. VOL/REV - 0.2726 REV COUNT - 2815.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	217.	34.	1.49	67.		
BACKGROUND (CONCENTRATION)	29.	2.	0.08	0.		
MASS EMISSIONS (GM/MI)	3.13	1.07	743.72	3.70	NOX(CORR.) 3.58	HUCF 0.970

COMPOSITE NJ/NY TEST

INLET PRESS. - 35.80 TEMP - 110. VOL/REV - 0.2726 REV COUNT - 1701.

SAMPLE (CONCENTRATION)	236.	23.	1.23	28.
BACKGROUND (CONCENTRATION)	30.	2.	0.07	1.

VEHICLE NO. - T2544169 DATE RECEIVED - 02/04/75

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S193254 STATE - CA LIC NO -
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - C10608 EVAP - 1
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 11384. DWELL - 0.0 TIMING - 0.0 IDLE RPM - 0. IDLE CO - 0.0

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 02/18/75 RUN NO - A07922 WB TEMP - 63.0 DB TEMP - 70.0 BARO - 30.05
INERTIA - 5000. IHP - 10.1 AHP - 13.4 CODE - 11411.

COLD START
INLET PRESS. - 39.80 TEMP - 110. VOL/REV - 0.2705 REV COUNT - 11603.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	85.	98.	2.67	206.		
BACKGROUND (CONCENTRATION)	14.	3.	0.08	1.		
MASS EMISSIONS (GRAMS)	3.06	8.25	3535.74	29.26	NOX(CORR.) 29.09	HUCF 0.994

COLD STABILIZED
INLET PRESS. - 39.80 TEMP - 110. VOL/REV - 0.2705 REV COUNT - 19939.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	23.	11.	1.60	56.		
BACKGROUND (CONCENTRATION)	12.	4.	0.08	0.		
MASS EMISSIONS (GRAMS)	0.81	1.05	3565.80	13.74	NOX(CORR.) 13.66	HUCF 0.994

HOT START
INLET PRESS. - 39.70 TEMP - 110. VOL/REV - 0.2706 REV COUNT - 11621.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	39.	44.	2.06	60.		
BACKGROUND (CONCENTRATION)	11.	1.	0.07	1.		
MASS EMISSIONS (GRAMS)	1.21	3.74	2722.61	8.44	NOX(CORR.) 8.39	HUCF 0.994

COMPOSITE
MASS EMISSIONS (GM/MI) 0.38 0.90 885.07 4.15 4.13
FUEL ECONOMY (MPG) - 10.00

COMMENT :

VEHICLE NO. - T2544169 DATE RECEIVED - 02/04/75

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 02/18/75 RUN NO - A07922 WB TEMP - 63.0 DB TEMP - 70.0 BARO - 30.05

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	50.	0.03	2410.
LO	34.	55.	0.04	1209.
IDLE	0.	55.	0.02	191.

FEDERAL THREE-MODE TEST

HI	50.	45.	0.04	2801.
LO	30.	50.	0.04	1969.
IDLE	0.	80.	0.02	82.

A160

UNLOADED TEST

RPM - 2500.	60.	0.02	497.	
COMMENTS :				

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 39.50 TEMP - 110. VOL/REV - 0.2707 REV COUNT - 2818.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	44.	11.	1.57	86.		
BACKGROUND (CONCENTRATION)	12.	1.	0.08	1.		
MASS EMISSIONS (GM/MI)	0.53	0.33	781.27	4.66	NOX(CORR.) 4.63	HUCF 0.994

COMPOSITE NJ/NY TEST

INLET PRESS. - 39.80 TEMP - 110. VOL/REV - 0.2705 REV COUNT - 1733.

SAMPLE (CONCENTRATION)	33.	7.	1.28	38.
BACKGROUND (CONCENTRATION)	12.	1.	0.11	1.

VEHICLE NO. - T2544169 DATE RECEIVED - 02/04/75

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 02/19/75 RUN NO - A07935 WB TEMP - 66.0 DB TEMP - 78.0 BARO - 30.01
INERTIA - 5000. IHP - 10.1 AHP - 13.4 CDCM - 11432.

COLD START
INLET PRESS. - 40.20 TEMP - 110. VOL/REV - 0.2703 REV COUNT - 11600.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	78.	78.	2.62	69.		
BACKGROUND (CONCENTRATION)	10.	0.	0.06	1.		
MASS EMISSIONS (GRAMS)	2.92	6.75	3482.36	9.67	NOX(CORR.) 10.16	HUCF 1.051

COLD STABILIZED
INLET PRESS. - 40.20 TEMP - 110. VOL/REV - 0.2703 REV COUNT - 19923.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	22.	8.	1.59	52.		
BACKGROUND (CONCENTRATION)	10.	0.	0.06	0.		
MASS EMISSIONS (GRAMS)	0.88	1.19	3574.56	12.70	NOX(CORR.) 13.35	HUCF 1.051

HOT START
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2702 REV COUNT - 11603.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	48.	117.	2.06	63.		
BACKGROUND (CONCENTRATION)	10.	0.	0.06	0.		
MASS EMISSIONS (GRAMS)	1.63	10.12	2718.82	8.95	NOx(CORR.) 9.41	HUCF 1.051

COMPOSITE

MASS EMISSIONS (GM/MI)	0.41	1.32	882.89	2.93	3.08
FUEL ECONOMY (MPG) - 10.01					

COMMENT :

A161

VEHICLE NO. - T2544169 DATE RECEIVED - 02/04/75

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 02/19/75 RUN NO - A07935 WB TEMP - 68.0 DB TEMP - 78.0 BARO - 30.01

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	42.	0.04	2195.
LO	34.	40.	0.02	1049.
IDLE	0.	41.	0.03	177.

FEDERAL THREE-MODE TEST

HI	50.	42.	0.04	2605.
LO	30.	41.	0.02	1826.
IDLE	0.	65.	0.03	109.

A162

UNLOADED TEST

RPM - 2500. 55. 0.02 445.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST
INLET PRESS. - 40.50 TEMP - 110. VOL/REV - 0.2701 REV COUNT - 2820.

	HC	CO	CO2	NOx		
SAMPLE (CONCENTRATION)	43.	12.	1.54	61.		
BACKGROUND (CONCENTRATION)	10.	2.	0.08	1.		
MASS EMISSIONS (GM/MI)	0.54	0.33	764.39	4.38	NOX(CORR.) 4.60	HUCF 1.051

COMPOSITE NJ/NY TEST
INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2702 REV COUNT - 1703.

SAMPLE (CONCENTRATION)	31.	6.	1.29	38.
BACKGROUND (CONCENTRATION)	11.	0.	0.06	1.

VEHICLE NO. - T1614170 DATE RECEIVED - 02/04/75

MFG - 031 YEAR - 74 MODEL - GALAXIE SERIAL NO - F3J54S192945 STATE - CA LIC NO -
CYL - 8 CID - 400 BBL - 2 EXHAUST CONTROLS - C10608 EVAP - 1
A/C - 1 P/S - 1 P/B - 1 TRANS - 1 TRANS TYPE - C6 AXLE RATIO - 3.0 TIRES - HR78-15

ENGINE PARAMETERS : ODOMETER - 25059. DWELL - C.0 TIMING - 0.0 IDLE RPM - 0. IDLE CO - 0.0

FEDERAL TEST PROCEDURE (1975) NUMBER - 1.
TEST COND : RUN DATE - 02/17/75 RUN NO - A07907 WB TEMP - 65.0 DB TEMP - 74.0 BARO - 30.00
INERTIA - 5000. IHP - 10.1 AHP - 13.4 CODE - 25091.

COLD START
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2718 REV COUNT - 11612.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	57.	270.	2.66	89.		
BACKGROUND (CONCENTRATION)	17.	0.	0.07	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.74	23.66	3565.33	12.81	12.92	1.009

COLD STABILIZED
INLET PRESS. - 38.10 TEMP - 110. VOL/REV - 0.2715 REV COUNT - 19974.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	20.	36.	1.64	37.		
BACKGROUND (CONCENTRATION)	11.	4.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	0.67	4.82	3737.10	9.15	9.23	1.009

HOT START
INLET PRESS. - 37.70 TEMP - 110. VOL/REV - 0.2717 REV COUNT - 11619.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	43.	149.	2.20	71.		
BACKGROUND (CONCENTRATION)	9.	0.	0.06	0.		
					NOX(CORR.)	HUCF
MASS EMISSIONS (GRAMS)	1.48	13.07	2949.75	10.23	10.32	1.009
COMPOSITE						
MASS EMISSIONS (GM/MI)	0.30	2.99	926.87	2.73	2.76	

FUEL ECONOMY (MPG) - 9.52

COMMENT :

A163

VEHICLE NO. - T1614170 DATE RECEIVED - 02/04/75

SHORT TEST SEQUENCE NUMBER - 1.

TEST COND : RUN DATE - 02/17/75 RUN NO - A07907 WB TEMP - 65.0 DB TEMP - 74.0 BARO - 30.00

KEY MODE TEST

	MPH	HC,PPM	CO, %	NO,PPM
HI	49.	35.	0.06	821.
LO	34.	40.	0.04	1769.
IDLE	0.	38.	0.03	218.

FEDERAL THREE-MODE TEST

HI	50.	32.	0.06	1197.
LO	30.	40.	0.05	2801.
IDLE	0.	35.	0.04	96.

1649

UNLOADED TEST

RPM - 2500.	45.	0.05	589.

COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2716 REV COUNT - 2818.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	30.	50.	1.48	77.		
BACKGROUND (CONCENTRATION)	16.	0.	0.06	1.		
MASS EMISSIONS (GM/MI)	0.23	1.67	747.05	4.18	NOX(CORR.) 4.22	HLCF 1.009

COMPOSITE NJ/NY TEST

INLET PRESS. - 38.00 TEMP - 110. VOL/REV - 0.2716 REV COUNT - 1704.

SAMPLE (CONCENTRATION)	28.	40.	1.26	24.
BACKGROUND (CONCENTRATION)	14.	0.	0.05	0.

VEHICLE NO. - T1614170 DATE RECEIVED - 02/04/75

FEDERAL TEST PROCEDURE (1975) NUMBER - 2.
TEST COND : RUN DATE - 02/19/75 RUN NO - A07933 WB TEMP - 64.0 DB TEMP - 73.0 BARO - 30.06
INERTIA - 5000. IHP - 10.1 AHP - 13.4 CDOM - 25117.

COLD START
INLET PRESS. - 40.20 TEMP - 110. VOL/REV - 0.2703 REV COUNT - 11617.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	57.	279.	2.79	83.		
BACKGROUND (CONCENTRATION)	15.	5.	0.08	2.		
MASS EMISSIONS (GRAMS)	1.81	23.80	3698.64	11.56	NOX(CORR.) 11.48	HUCF 0.993

COLD STABILIZED
INLET PRESS. - 40.20 TEMP - 110. VOL/REV - 0.2703 REV COUNT - 19920.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	26.	73.	1.66	32.		
BACKGROUND (CONCENTRATION)	16.	44.	0.06	0.		
MASS EMISSIONS (GRAMS)	0.74	4.32	3744.45	7.83	NOX(CORR.) 7.77	HUCF 0.993

HOT START
INLET PRESS. - 40.10 TEMP - 110. VOL/REV - 0.2704 REV COUNT - 11612.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	64.	158.	2.28	64.		
BACKGROUND (CONCENTRATION)	15.	8.	0.08	0.		
MASS EMISSIONS (GRAMS)	2.11	13.03	3003.21	9.13	NOX(CORR.) 9.07	HUCF 0.993

COMPOSITE

MASS EMISSIONS (GM/MI)	0.36	2.93	939.56	2.40	2.38	
FUEL ECONOMY (MPG) - 9.39						

COMMENT :

VEHICLE NO. - T1614170 DATE RECEIVED - 02/04/75 PAGE 41

SHORT TEST SEQUENCE NUMBER - 2.

TEST COND : RUN DATE - 02/19/75 RUN NO - A07933 WB TEMP - 64.0 DB TEMP - 73.0 BARO - 30.06

KEY MODE TEST

	MPH	HC, PPM	CO, %	NO, PPM
HI	49.	48.	0.05	745.
LO	34.	47.	0.02	1487.
IDLE	0.	50.	0.02	123.

FEDERAL THREE-MODE TEST

HI	50.	39.	0.05	1049.
LO	30.	49.	0.04	2507.
IDLE	0.	42.	0.02	68.

UNLOADED TEST

RPM - 2500. 95. 0.05 471.
COMMENTS :

EPA FEDERAL SHORT CYCLE TEST

INLET PRESS. - 40.40 TEMP - 110. VOL/REV - 0.2702 REV COUNT - 2820.

	HC	CO	CO2	NOX		
SAMPLE (CONCENTRATION)	43.	46.	1.48	75.		
BACKGROUND (CONCENTRATION)	13.	3.	0.08	1.		
MASS EMISSIONS (GM/MI)	0.50	1.43	733.25	4.05	NOX(CORR.) 4.02	HCCF 0.993

COMPOSITE NJ/NY TEST

INLET PRESS. - 40.20 TEMP - 110. VOL/REV - 0.2703 REV COUNT - 1712.

SAMPLE (CONCENTRATION)	39.	30.	1.23	25.
BACKGROUND (CONCENTRATION)	13.	3.	0.08	1.

A166

APPENDIX B

TEST FUEL ANALYSIS

Howell Hydrocarbons B-2

American Oil B-3

HOWELL HYDROCARBONS

San Antonio, Texas

LABORATORY REPORT

P.O. 51410

File No.

Sample Tank 105 Indolene Clear

Laboratory SA [X] OC [ ]

Date 8/21/74

INSPECTION			DISTILLATION			
Gravity, °API	57.1		% @		Initial Boiling Point	80
Color	Clear		% @		5%	107
Doctor	Neg.		% @		10%	124
Corrosion	1A		% @		20%	153
RVP	9.1		% @		30%	181
Octane No. F-1, Clear	97.0		% @		40%	204
Octane No. F-1, +____ml TEL					50%	225
Octane No. F-2, Clear	86.3				60%	244
Octane No. F-2, +____ml TEL					70%	267
Total Sulfur, Wt. %	.003				80%	296
Mercaptan Sulfur					90%	324
Flash, F.					95%	344
Pour Point, F.		Diesel Index			End Point	373
Cloud Point, F.		Cetane No.			Recovery	98.0
Freeze Point, F.		Viscosity, SS @____F.			Residue	1.0
Smoke Point, mm		Viscosity, @____F.			Loss	1.0
Aniline Point, °F.		B. S. & W.			Paraffins, %	
Aniline Gravity Const.		A.S.T.M. Existient Gum, mg.			Olefins, %	7.5
Water Tolerance		Potential Gum, mg.			Naphthenes, %	
					Aromatics, %	32.7
					Phos	0.0
					OX STAB	1000+

10%SL 3.15 1.0

Remarks:

Tested By:

Amoco Oil Company
P. O. Box 710
Whiting, Indiana 46394

Laboratory Services Division

CERTIFICATE OF ANALYSIS

CONSIGNEE: Standard Oil Division
Amoco Oil Company
205 Marion
River Rouge, Michigan 48218

PRODUCT: Indolene Motor Fuel HO III
TANK NO.: After Batch 5R
DATE ISSUED: 9-20-74

PRODUCT ANALYSIS

TEST	ASTM METHOD	SPECIFICATION CONTROL LIMIT	SAMPLE D13284
API Gravity	D287	58.0-61.0	59.4
Distillation °F	D86		
Initial Boiling Point	D86	75-95	86
10% Evap.	D86	120-135	133
50% Evap.	D86	200-230	221
90% Evap.	D86	300-325	315
Maximum	D86	NMT 415	397
10% Slope	D86	NMT 3.2	2.9
Reid Vapor Pressure	D323	8.7-9.2	9.0
Oxidation Stability Minutes	D525	NLT 600	600+
Gum, mg/100 ml (after Heptane Wash)	D381	NMT 4.0	3.0
TEL grm. lead/gal.	D526	NMT 0.05	0.001
Sulfur Weight, %	D1266	NMT 0.10	0.017
Olefin, %	D1319	NMT 10	7.4
Aromatic, %	D1319	NMT 35	29.5
Saturates, %	D1319	Remainder	63.1
Octane Research (Clear)	D2699	95.0-98.5	96.6
Octane Research (3cc TEL/gal)	D2699	NLT 103.0	105.0
Phosphorus, gms./gal.	D3231	NMT 0.005	0.003
Sensitivity (Clear)		7.0-10.5	9.1
Sensitivity (3cc TEL/gal)		NMT 9.0	7.1

DATE: 9-27-74

J. A. GRANT, Manager-Laboratory
Services Division

per

JAN 3 - 1975

APPENDIX C

ANALYZER CALIBRATION CURVES

The analyzer calibration data are arranged as follows:

August/September calibrations for Mass (HC, CO, CO_2, NO_x), then for 7-M (HC, CO, CO_2, NO_x) benches.

December, then January, then February calibrations, when needed, in the same order.

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 100 PPM CAL. DATE: 08/29/74

INSTRUMENT: FID-2 TRAIN: MASS PIC: VALENCIA

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = 0.0
A(1) = 0.10000000D+01

C2

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	0.0		
49.5	49.5	49.5	49.5	0.0	0.0
93.9	93.9	93.9	93.9	0.0	0.0

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 100 PPM CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	0.0	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
1.0	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90
2.0	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90
3.0	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90
4.0	4.00	4.10	4.20	4.30	4.40	4.50	4.60	4.70	4.80	4.90
5.0	5.00	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90
6.0	6.00	6.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90
7.0	7.00	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90
8.0	8.00	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90
9.0	9.00	9.10	9.20	9.30	9.40	9.50	9.60	9.70	9.80	9.90
10.0	10.00	10.10	10.20	10.30	10.40	10.50	10.60	10.70	10.80	10.90
11.0	11.00	11.10	11.20	11.30	11.40	11.50	11.60	11.70	11.80	11.90
12.0	12.00	12.10	12.20	12.30	12.40	12.50	12.60	12.70	12.80	12.90
13.0	13.00	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90
14.0	14.00	14.10	14.20	14.30	14.40	14.50	14.60	14.70	14.80	14.90
15.0	15.00	15.10	15.20	15.30	15.40	15.50	15.60	15.70	15.80	15.90
16.0	16.00	16.10	16.20	16.30	16.40	16.50	16.60	16.70	16.80	16.90
17.0	17.00	17.10	17.20	17.30	17.40	17.50	17.60	17.70	17.80	17.90
18.0	18.00	18.10	18.20	18.30	18.40	18.50	18.60	18.70	18.80	18.90
19.0	19.00	19.10	19.20	19.30	19.40	19.50	19.60	19.70	19.80	19.90
20.0	20.00	20.10	20.20	20.30	20.40	20.50	20.60	20.70	20.80	20.90
21.0	21.00	21.10	21.20	21.30	21.40	21.50	21.60	21.70	21.80	21.90
22.0	22.00	22.10	22.20	22.30	22.40	22.50	22.60	22.70	22.80	22.90
23.0	23.00	23.10	23.20	23.30	23.40	23.50	23.60	23.70	23.80	23.90
24.0	24.00	24.10	24.20	24.30	24.40	24.50	24.60	24.70	24.80	24.90
25.0	25.00	25.10	25.20	25.30	25.40	25.50	25.60	25.70	25.80	25.90
26.0	26.00	26.10	26.20	26.30	26.40	26.50	26.60	26.70	26.80	26.90
27.0	27.00	27.10	27.20	27.30	27.40	27.50	27.60	27.70	27.80	27.90
28.0	28.00	28.10	28.20	28.30	28.40	28.50	28.60	28.70	28.80	28.90
29.0	29.00	29.10	29.20	29.30	29.40	29.50	29.60	29.70	29.80	29.90
30.0	30.00	30.10	30.20	30.30	30.40	30.50	30.60	30.70	30.80	30.90
31.0	31.00	31.10	31.20	31.30	31.40	31.50	31.60	31.70	31.80	31.90
32.0	32.00	32.10	32.20	32.30	32.40	32.50	32.60	32.70	32.80	32.90
33.0	33.00	33.10	33.20	33.30	33.40	33.50	33.60	33.70	33.80	33.90
34.0	34.00	34.10	34.20	34.30	34.40	34.50	34.60	34.70	34.80	34.90

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 100 PPM CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	35.00	35.10	35.20	35.30	35.40	35.50	35.60	35.70	35.80	35.90
36.0	36.00	36.10	36.20	36.30	36.40	36.50	36.60	36.70	36.80	36.90
37.0	37.00	37.10	37.20	37.30	37.40	37.50	37.60	37.70	37.80	37.90
38.0	38.00	38.10	38.20	38.30	38.40	38.50	38.60	38.70	38.80	38.90
39.0	39.00	39.10	39.20	39.30	39.40	39.50	39.60	39.70	39.80	39.90
40.0	40.00	40.10	40.20	40.30	40.40	40.50	40.60	40.70	40.80	40.90
41.0	41.00	41.10	41.20	41.30	41.40	41.50	41.60	41.70	41.80	41.90
42.0	42.00	42.10	42.20	42.30	42.40	42.50	42.60	42.70	42.80	42.90
43.0	43.00	43.10	43.20	43.30	43.40	43.50	43.60	43.70	43.80	43.90
44.0	44.00	44.10	44.20	44.30	44.40	44.50	44.60	44.70	44.80	44.90
45.0	45.00	45.10	45.20	45.30	45.40	45.50	45.60	45.70	45.80	45.90
46.0	46.00	46.10	46.20	46.30	46.40	46.50	46.60	46.70	46.80	46.90
47.0	47.00	47.10	47.20	47.30	47.40	47.50	47.60	47.70	47.80	47.90
48.0	48.00	48.10	48.20	48.30	48.40	48.50	48.60	48.70	48.80	48.90
49.0	49.00	49.10	49.20	49.30	49.40	49.50	49.60	49.70	49.80	49.90
50.0	50.00	50.10	50.20	50.30	50.40	50.50	50.60	50.70	50.80	50.90
51.0	51.00	51.10	51.20	51.30	51.40	51.50	51.60	51.70	51.80	51.90
52.0	52.00	52.10	52.20	52.30	52.40	52.50	52.60	52.70	52.80	52.90
53.0	53.00	53.10	53.20	53.30	53.40	53.50	53.60	53.70	53.80	53.90
54.0	54.00	54.10	54.20	54.30	54.40	54.50	54.60	54.70	54.80	54.90
55.0	55.00	55.10	55.20	55.30	55.40	55.50	55.60	55.70	55.80	55.90
56.0	56.00	56.10	56.20	56.30	56.40	56.50	56.60	56.70	56.80	56.90
57.0	57.00	57.10	57.20	57.30	57.40	57.50	57.60	57.70	57.80	57.90
58.0	58.00	58.10	58.20	58.30	58.40	58.50	58.60	58.70	58.80	58.90
59.0	59.00	59.10	59.20	59.30	59.40	59.50	59.60	59.70	59.80	59.90
60.0	60.00	60.10	60.20	60.30	60.40	60.50	60.60	60.70	60.80	60.90
61.0	61.00	61.10	61.20	61.30	61.40	61.50	61.60	61.70	61.80	61.90
62.0	62.00	62.10	62.20	62.30	62.40	62.50	62.60	62.70	62.80	62.90
63.0	63.00	63.10	63.20	63.30	63.40	63.50	63.60	63.70	63.80	63.90
64.0	64.00	64.10	64.20	64.30	64.40	64.50	64.60	64.70	64.80	64.90
65.0	65.00	65.10	65.20	65.30	65.40	65.50	65.60	65.70	65.80	65.90
66.0	66.00	66.10	66.20	66.30	66.40	66.50	66.60	66.70	66.80	66.90
67.0	67.00	67.10	67.20	67.30	67.40	67.50	67.60	67.70	67.80	67.90
68.0	68.00	68.10	68.20	68.30	68.40	68.50	68.60	68.70	68.80	68.90
69.0	69.00	69.10	69.20	69.30	69.40	69.50	69.60	69.70	69.80	69.90

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 100 PPM CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	70.00	70.10	70.20	70.30	70.40	70.50	70.60	70.70	70.80	70.90
71.0	71.00	71.10	71.20	71.30	71.40	71.50	71.60	71.70	71.80	71.90
72.0	72.00	72.10	72.20	72.30	72.40	72.50	72.60	72.70	72.80	72.90
73.0	73.00	73.10	73.20	73.30	73.40	73.50	73.60	73.70	73.80	73.90
74.0	74.00	74.10	74.20	74.30	74.40	74.50	74.60	74.70	74.80	74.90
75.0	75.00	75.10	75.20	75.30	75.40	75.50	75.60	75.70	75.80	75.90
76.0	76.00	76.10	76.20	76.30	76.40	76.50	76.60	76.70	76.80	76.90
77.0	77.00	77.10	77.20	77.30	77.40	77.50	77.60	77.70	77.80	77.90
78.0	78.00	78.10	78.20	78.30	78.40	78.50	78.60	78.70	78.80	78.90
79.0	79.00	79.10	79.20	79.30	79.40	79.50	79.60	79.70	79.80	79.90
80.0	80.00	80.10	80.20	80.30	80.40	80.50	80.60	80.70	80.80	80.90
81.0	81.00	81.10	81.20	81.30	81.40	81.50	81.60	81.70	81.80	81.90
82.0	82.00	82.10	82.20	82.30	82.40	82.50	82.60	82.70	82.80	82.90
83.0	83.00	83.10	83.20	83.30	83.40	83.50	83.60	83.70	83.80	83.90
84.0	84.00	84.10	84.20	84.30	84.40	84.50	84.60	84.70	84.80	84.90
85.0	85.00	85.10	85.20	85.30	85.40	85.50	85.60	85.70	85.80	85.90
86.0	86.00	86.10	86.20	86.30	86.40	86.50	86.60	86.70	86.80	86.90
87.0	87.00	87.10	87.20	87.30	87.40	87.50	87.60	87.70	87.80	87.90
88.0	88.00	88.10	88.20	88.30	88.40	88.50	88.60	88.70	88.80	88.90
89.0	89.00	89.10	89.20	89.30	89.40	89.50	89.60	89.70	89.80	89.90
90.0	90.00	90.10	90.20	90.30	90.40	90.50	90.60	90.70	90.80	90.90
91.0	91.00	91.10	91.20	91.30	91.40	91.50	91.60	91.70	91.80	91.90
92.0	92.00	92.10	92.20	92.30	92.40	92.50	92.60	92.70	92.80	92.90
93.0	93.00	93.10	93.20	93.30	93.40	93.50	93.60	93.70	93.80	93.90
94.0	94.00	94.10	94.20	94.30	94.40	94.50	94.60	94.70	94.80	94.90
95.0	95.00	95.10	95.20	95.30	95.40	95.50	95.60	95.70	95.80	95.90
96.0	96.00	96.10	96.20	96.30	96.40	96.50	96.60	96.70	96.80	96.90
97.0	97.00	97.10	97.20	97.30	97.40	97.50	97.60	97.70	97.80	97.90
98.0	98.00	98.10	98.20	98.30	98.40	98.50	98.60	98.70	98.80	98.90
99.0	99.00	99.10	99.20	99.30	99.40	99.50	99.60	99.70	99.80	99.90

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 300 PPM CAL. DATE: 08/29/74 PAGE 1 OF 4

INSTRUMENT: FID-2 TRAIN: MASS PIC: VALENCIA

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.76330428D+00
A(1) = 0.30039224D+01

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-0.8		
31.9	93.9	31.9	95.1	1.2	1.237
93.0	279.0	93.0	278.6	-0.4	-0.143

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 300 PPM CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-0.76	-0.46	-0.16	0.14	0.44	0.74	1.04	1.34	1.64	1.94
1.0	2.24	2.54	2.84	3.14	3.44	3.74	4.04	4.34	4.64	4.94
2.0	5.24	5.54	5.85	6.15	6.45	6.75	7.05	7.35	7.65	7.95
3.0	8.25	8.55	8.85	9.15	9.45	9.75	10.05	10.35	10.65	10.95
4.0	11.25	11.55	11.85	12.15	12.45	12.75	13.05	13.36	13.66	13.96
5.0	14.26	14.56	14.86	15.16	15.46	15.76	16.06	16.36	16.66	16.96
6.0	17.26	17.56	17.86	18.16	18.46	18.76	19.06	19.36	19.66	19.96
7.0	20.26	20.56	20.86	21.17	21.47	21.77	22.07	22.37	22.67	22.97
8.0	23.27	23.57	23.87	24.17	24.47	24.77	25.07	25.37	25.67	25.97
9.0	26.27	26.57	26.87	27.17	27.47	27.77	28.07	28.37	28.68	28.98
10.0	29.28	29.58	29.88	30.18	30.48	30.78	31.08	31.38	31.68	31.98
11.0	32.28	32.58	32.88	33.18	33.48	33.78	34.08	34.38	34.68	34.98
12.0	35.28	35.58	35.88	36.18	36.49	36.79	37.09	37.39	37.69	37.99
13.0	38.29	38.59	38.89	39.19	39.49	39.79	40.09	40.39	40.69	40.99
14.0	41.29	41.59	41.89	42.19	42.49	42.79	43.09	43.39	43.69	44.00
15.0	44.30	44.60	44.90	45.20	45.50	45.80	46.10	46.40	46.70	47.00
16.0	47.30	47.60	47.90	48.20	48.50	48.80	49.10	49.40	49.70	50.00
17.0	50.30	50.60	50.90	51.20	51.50	51.81	52.11	52.41	52.71	53.01
18.0	53.31	53.61	53.91	54.21	54.51	54.81	55.11	55.41	55.71	56.01
19.0	56.31	56.61	56.91	57.21	57.51	57.81	58.11	58.41	58.71	59.01
20.0	59.32	59.62	59.92	60.22	60.52	60.82	61.12	61.42	61.72	62.02
21.0	62.32	62.62	62.92	63.22	63.52	63.82	64.12	64.42	64.72	65.02
22.0	65.32	65.62	65.92	66.22	66.52	66.82	67.13	67.43	67.73	68.03
23.0	68.33	68.63	68.93	69.23	69.53	69.83	70.13	70.43	70.73	71.03
24.0	71.33	71.63	71.93	72.23	72.53	72.83	73.13	73.43	73.73	74.03
25.0	74.33	74.64	74.94	75.24	75.54	75.84	76.14	76.44	76.74	77.04
26.0	77.34	77.64	77.94	78.24	78.54	78.84	79.14	79.44	79.74	80.04
27.0	80.34	80.64	80.94	81.24	81.54	81.84	82.14	82.45	82.75	83.05
28.0	83.35	83.65	83.95	84.25	84.55	84.85	85.15	85.45	85.75	86.05
29.0	86.35	86.65	86.95	87.25	87.55	87.85	88.15	88.45	88.75	89.05
30.0	89.35	89.65	89.96	90.26	90.56	90.86	91.16	91.46	91.76	92.06
31.0	92.36	92.66	92.96	93.26	93.56	93.86	94.16	94.46	94.76	95.06
32.0	95.36	95.66	95.96	96.26	96.56	96.86	97.16	97.46	97.77	98.07
33.0	98.37	98.67	98.97	99.27	99.57	99.87	100.17	100.47	100.77	101.07
34.0	101.37	101.67	101.97	102.27	102.57	102.87	103.17	103.47	103.77	104.07

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 300 PPM CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	104.37	104.67	104.97	105.28	105.58	105.88	106.18	106.48	106.78	107.08
36.0	107.38	107.68	107.98	108.28	108.58	108.88	109.18	109.48	109.78	110.08
37.0	110.38	110.68	110.98	111.28	111.58	111.88	112.18	112.48	112.78	113.09
38.0	113.39	113.69	113.99	114.29	114.59	114.89	115.19	115.49	115.79	116.09
39.0	116.39	116.69	116.99	117.29	117.59	117.89	118.19	118.49	118.79	119.09
40.0	119.39	119.69	119.99	120.29	120.60	120.90	121.20	121.50	121.80	122.10
41.0	122.40	122.70	123.00	123.30	123.60	123.90	124.20	124.50	124.80	125.10
42.0	125.40	125.70	126.00	126.30	126.60	126.90	127.20	127.50	127.80	128.10
43.0	128.41	128.71	129.01	129.31	129.61	129.91	130.21	130.51	130.81	131.11
44.0	131.41	131.71	132.01	132.31	132.61	132.91	133.21	133.51	133.81	134.11
45.0	134.41	134.71	135.01	135.31	135.61	135.92	136.22	136.52	136.82	137.12
46.0	137.42	137.72	138.02	138.32	138.62	138.92	139.22	139.52	139.82	140.12
47.0	140.42	140.72	141.02	141.32	141.62	141.92	142.22	142.52	142.82	143.12
48.0	143.43	143.73	144.03	144.33	144.63	144.93	145.23	145.53	145.83	146.13
49.0	146.43	146.73	147.03	147.33	147.63	147.93	148.23	148.53	148.83	149.13
50.0	149.43	149.73	150.03	150.33	150.63	150.93	151.24	151.54	151.84	152.14
51.0	152.44	152.74	153.04	153.34	153.64	153.94	154.24	154.54	154.84	155.14
52.0	155.44	155.74	156.04	156.34	156.64	156.94	157.24	157.54	157.84	158.14
53.0	158.44	158.75	159.05	159.35	159.65	159.95	160.25	160.55	160.85	161.15
54.0	161.45	161.75	162.05	162.35	162.65	162.95	163.25	163.55	163.85	164.15
55.0	164.45	164.75	165.05	165.35	165.65	165.95	166.25	166.56	166.86	167.16
56.0	167.46	167.76	168.06	168.36	168.66	168.96	169.26	169.56	169.86	170.16
57.0	170.46	170.76	171.06	171.36	171.66	171.96	172.26	172.56	172.86	173.16
58.0	173.46	173.76	174.07	174.37	174.67	174.97	175.27	175.57	175.87	176.17
59.0	176.47	176.77	177.07	177.37	177.67	177.97	178.27	178.57	178.87	179.17
60.0	179.47	179.77	180.07	180.37	180.67	180.97	181.27	181.57	181.88	182.18
61.0	182.48	182.78	183.08	183.38	183.68	183.98	184.28	184.58	184.88	185.18
62.0	185.48	185.78	186.08	186.38	186.68	186.98	187.28	187.58	187.88	188.18
63.0	188.48	188.78	189.08	189.39	189.69	189.99	190.29	190.59	190.89	191.19
64.0	191.49	191.79	192.09	192.39	192.69	192.99	193.29	193.59	193.89	194.19
65.0	194.49	194.79	195.09	195.39	195.69	195.99	196.29	196.59	196.89	197.20
66.0	197.50	197.80	198.10	198.40	198.70	199.00	199.30	199.60	199.90	200.20
67.0	200.50	200.80	201.10	201.40	201.70	202.00	202.30	202.60	202.90	203.20
68.0	203.50	203.80	204.10	204.40	204.71	205.01	205.31	205.61	205.91	206.21
69.0	206.51	206.81	207.11	207.41	207.71	208.01	208.31	208.61	208.91	209.21

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 300 PPM CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	209.51	209.81	210.11	210.41	210.71	211.01	211.31	211.61	211.91	212.21
71.0	212.52	212.82	213.12	213.42	213.72	214.02	214.32	214.62	214.92	215.22
72.0	215.52	215.82	216.12	216.42	216.72	217.02	217.32	217.62	217.92	218.22
73.0	218.52	218.82	219.12	219.42	219.72	220.03	220.33	220.63	220.93	221.23
74.0	221.53	221.83	222.13	222.43	222.73	223.03	223.33	223.63	223.93	224.23
75.0	224.53	224.83	225.13	225.43	225.73	226.03	226.33	226.63	226.93	227.23
76.0	227.53	227.84	228.14	228.44	228.74	229.04	229.34	229.64	229.94	230.24
77.0	230.54	230.84	231.14	231.44	231.74	232.04	232.34	232.64	232.94	233.24
78.0	233.54	233.84	234.14	234.44	234.74	235.04	235.35	235.65	235.95	236.25
79.0	236.55	236.85	237.15	237.45	237.75	238.05	238.35	238.65	238.95	239.25
80.0	239.55	239.85	240.15	240.45	240.75	241.05	241.35	241.65	241.95	242.25
81.0	242.55	242.85	243.16	243.46	243.76	244.06	244.36	244.66	244.96	245.26
82.0	245.56	245.86	246.16	246.46	246.76	247.06	247.36	247.66	247.96	248.26
83.0	248.56	248.86	249.16	249.46	249.76	250.06	250.36	250.67	250.97	251.27
84.0	251.57	251.87	252.17	252.47	252.77	253.07	253.37	253.67	253.97	254.27
85.0	254.57	254.87	255.17	255.47	255.77	256.07	256.37	256.67	256.97	257.27
86.0	257.57	257.87	258.17	258.48	258.78	259.08	259.38	259.68	259.98	260.28
87.0	260.58	260.88	261.18	261.48	261.78	262.08	262.38	262.68	262.98	263.28
88.0	263.58	263.88	264.18	264.48	264.78	265.08	265.38	265.68	265.98	266.29
89.0	266.59	266.89	267.19	267.49	267.79	268.09	268.39	268.69	268.99	269.29
90.0	269.59	269.89	270.19	270.49	270.79	271.09	271.39	271.69	271.99	272.29
91.0	272.59	272.89	273.19	273.49	273.80	274.10	274.40	274.70	275.00	275.30
92.0	275.60	275.90	276.20	276.50	276.80	277.10	277.40	277.70	278.00	278.30
93.0	278.60	278.90	279.20	279.50	279.80	280.10	280.40	280.70	281.00	281.30
94.0	281.61	281.91	282.21	282.51	282.81	283.11	283.41	283.71	284.01	284.31
95.0	284.61	284.91	285.21	285.51	285.81	286.11	286.41	286.71	287.01	287.31
96.0	287.61	287.91	288.21	288.51	288.81	289.12	289.42	289.72	290.02	290.32
97.0	290.62	290.92	291.22	291.52	291.82	292.12	292.42	292.72	293.02	293.32
98.0	293.62	293.92	294.22	294.52	294.82	295.12	295.42	295.72	296.02	296.32
99.0	296.62	296.93	297.23	297.53	297.83	298.13	298.43	298.73	299.03	299.33

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 09/04/74

INSTRUMENT: AIA-21 TRAIN: MASS PIC: VALENCIA

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.22191680D+01
A(1) = 0.43008975D+01
A(2) = 0.33014280D-01

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CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-2.2		
20.0	92.0	20.0	97.0	5.0	5.440
44.0	254.0	44.0	250.9	-3.1	-1.206
73.0	488.0	73.0	487.7	-0.3	-0.066
97.0	725.0	97.0	725.6	0.6	0.083

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 09/04/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-2.22	-1.79	-1.36	-0.93	-0.49	-0.06	0.37	0.81	1.24	1.68
1.0	2.11	2.55	2.99	3.43	3.87	4.31	4.75	5.19	5.63	6.07
2.0	6.51	6.96	7.40	7.85	8.29	8.74	9.19	9.63	10.08	10.53
3.0	10.98	11.43	11.88	12.33	12.79	13.24	13.69	14.15	14.60	15.06
4.0	15.51	15.97	16.43	16.89	17.34	17.80	18.26	18.72	19.19	19.65
5.0	20.11	20.57	21.04	21.50	21.97	22.43	22.90	23.37	23.84	24.31
6.0	24.77	25.24	25.72	26.19	26.66	27.13	27.60	28.08	28.55	29.03
7.0	29.50	29.98	30.46	30.94	31.42	31.89	32.37	32.86	33.34	33.82
8.0	34.30	34.78	35.27	35.75	36.24	36.72	37.21	37.70	38.19	38.67
9.0	39.16	39.65	40.14	40.63	41.13	41.62	42.11	42.61	43.10	43.60
10.0	44.09	44.59	45.08	45.58	46.08	46.58	47.08	47.58	48.08	48.58
11.0	49.09	49.59	50.09	50.60	51.10	51.61	52.11	52.62	53.13	53.64
12.0	54.15	54.66	55.17	55.68	56.19	56.70	57.21	57.73	58.24	58.76
13.0	59.27	59.79	60.31	60.82	61.34	61.86	62.38	62.90	63.42	63.94
14.0	64.46	64.99	65.51	66.03	66.56	67.09	67.61	68.14	68.67	69.19
15.0	69.72	70.25	70.78	71.31	71.84	72.38	72.91	73.44	73.98	74.51
16.0	75.05	75.58	76.12	76.66	77.20	77.73	78.27	78.81	79.35	79.90
17.0	80.44	80.98	81.52	82.07	82.61	83.16	83.70	84.25	84.80	85.35
18.0	85.89	86.44	86.99	87.54	88.09	88.65	89.20	89.75	90.31	90.86
19.0	91.42	91.97	92.53	93.09	93.64	94.20	94.76	95.32	95.88	96.44
20.0	97.00	97.57	98.13	98.69	99.26	99.82	100.39	100.96	101.52	102.09
21.0	102.66	103.23	103.80	104.37	104.94	105.51	106.08	106.66	107.23	107.80
22.0	108.38	108.96	109.53	110.11	110.69	111.26	111.84	112.42	113.00	113.58
23.0	114.17	114.75	115.33	115.91	116.50	117.08	117.67	118.26	118.84	119.43
24.0	120.02	120.61	121.20	121.79	122.38	122.97	123.56	124.15	124.75	125.34
25.0	125.94	126.53	127.13	127.73	128.32	128.92	129.52	130.12	130.72	131.32
26.0	131.92	132.52	133.13	133.73	134.33	134.94	135.54	136.15	136.76	137.36
27.0	137.97	138.58	139.19	139.80	140.41	141.02	141.63	142.25	142.86	143.47
28.0	144.09	144.70	145.32	145.94	146.55	147.17	147.79	148.41	149.03	149.65
29.0	150.27	150.89	151.52	152.14	152.76	153.39	154.01	154.64	155.27	155.89
30.0	156.52	157.15	157.78	158.41	159.04	159.67	160.30	160.93	161.57	162.20
31.0	162.84	163.47	164.11	164.74	165.38	166.02	166.66	167.30	167.93	168.58
32.0	169.22	169.86	170.50	171.14	171.79	172.43	173.08	173.72	174.37	175.02
33.0	175.66	176.31	176.96	177.61	178.26	178.91	179.56	180.22	180.67	181.52
34.0	182.18	182.83	183.49	184.14	184.80	185.46	186.12	186.77	187.43	188.09

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 09/04/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	188.75	189.42	190.08	190.74	191.40	192.07	192.73	193.40	194.07	194.73
36.0	195.40	196.07	196.74	197.41	198.08	198.75	199.42	200.09	200.76	201.44
37.0	202.11	202.79	203.46	204.14	204.81	205.49	206.17	206.85	207.53	208.21
38.0	208.89	209.57	210.25	210.93	211.62	212.30	212.99	213.67	214.36	215.04
39.0	215.73	216.42	217.11	217.80	218.49	219.18	219.87	220.56	221.25	221.95
40.0	222.64	223.33	224.03	224.73	225.42	226.12	226.82	227.52	228.21	228.91
41.0	229.61	230.32	231.02	231.72	232.42	233.13	233.83	234.54	235.24	235.95
42.0	236.66	237.36	238.07	238.78	239.49	240.20	240.91	241.62	242.34	243.05
43.0	243.76	244.48	245.19	245.91	246.62	247.34	248.06	248.78	249.50	250.22
44.0	250.94	251.66	252.38	253.10	253.82	254.55	255.27	256.00	256.72	257.45
45.0	258.18	258.90	259.63	260.36	261.09	261.82	262.55	263.28	264.01	264.75
46.0	265.48	266.21	266.95	267.68	268.42	269.16	269.90	270.63	271.37	272.11
47.0	272.85	273.59	274.33	275.08	275.82	276.56	277.31	278.05	278.80	279.54
48.0	280.29	281.04	281.78	282.53	283.28	284.03	284.78	285.53	286.29	287.04
49.0	287.79	288.55	289.30	290.06	290.81	291.57	292.33	293.08	293.84	294.60
50.0	295.36	296.12	296.88	297.65	298.41	299.17	299.93	300.70	301.46	302.23
51.0	303.00	303.76	304.53	305.30	306.07	306.84	307.61	308.38	309.15	309.93
52.0	310.70	311.47	312.25	313.02	313.80	314.57	315.35	316.13	316.91	317.69
53.0	318.47	319.25	320.03	320.81	321.59	322.37	323.16	323.94	324.73	325.51
54.0	326.30	327.09	327.87	328.66	329.45	330.24	331.03	331.82	332.61	333.41
55.0	334.20	334.99	335.79	336.58	337.38	338.17	338.97	339.77	340.57	341.36
56.0	342.16	342.96	343.76	344.57	345.37	346.17	346.97	347.78	348.58	349.39
57.0	350.20	351.00	351.81	352.62	353.43	354.24	355.05	355.86	356.67	357.48
58.0	358.29	359.11	359.92	360.74	361.55	362.37	363.18	364.00	364.82	365.64
59.0	366.46	367.28	368.10	368.92	369.74	370.56	371.39	372.21	373.03	373.86
60.0	374.69	375.51	376.34	377.17	378.00	378.83	379.66	380.49	381.32	382.15
61.0	382.98	383.81	384.65	385.48	386.32	387.15	387.99	388.83	389.67	390.50
62.0	391.34	392.18	393.02	393.86	394.71	395.55	396.39	397.24	398.08	398.93
63.0	399.77	400.62	401.46	402.31	403.16	404.01	404.86	405.71	406.56	407.41
64.0	408.26	409.12	409.97	410.83	411.68	412.54	413.39	414.25	415.11	415.97
65.0	416.82	417.68	418.54	419.41	420.27	421.13	421.99	422.86	423.72	424.58
66.0	425.45	426.32	427.18	428.05	428.92	429.79	430.66	431.53	432.40	433.27
67.0	434.14	435.01	435.89	436.76	437.64	438.51	439.39	440.27	441.14	442.02
68.0	442.90	443.78	444.66	445.54	446.42	447.30	448.19	449.07	449.95	450.84
69.0	451.72	452.61	453.50	454.38	455.27	456.16	457.05	457.94	458.83	459.72

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 09/04/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	460.61	461.51	462.40	463.29	464.19	465.08	465.98	466.88	467.77	468.67
71.0	469.57	470.47	471.37	472.27	473.17	474.07	474.97	475.88	476.78	477.69
72.0	478.59	479.50	480.40	481.31	482.22	483.13	484.04	484.95	485.86	486.77
73.0	487.68	488.59	489.51	490.42	491.33	492.25	493.16	494.08	495.00	495.92
74.0	496.83	497.75	498.67	499.59	500.51	501.44	502.36	503.28	504.20	505.13
75.0	506.05	506.98	507.91	508.83	509.76	510.69	511.62	512.55	513.48	514.41
76.0	515.34	516.27	517.20	518.14	519.07	520.01	520.94	521.88	522.82	523.75
77.0	524.69	525.63	526.57	527.51	528.45	529.39	530.33	531.28	532.22	533.17
78.0	534.11	535.06	536.00	536.95	537.90	538.84	539.79	540.74	541.69	542.64
79.0	543.59	544.55	545.50	546.45	547.41	548.36	549.32	550.27	551.23	552.19
80.0	553.14	554.10	555.06	556.02	556.98	557.94	558.91	559.87	560.83	561.80
81.0	562.76	563.73	564.69	565.66	566.63	567.59	568.56	569.53	570.50	571.47
82.0	572.44	573.41	574.39	575.36	576.33	577.31	578.28	579.26	580.24	581.21
83.0	582.19	583.17	584.15	585.13	586.11	587.09	588.07	589.05	590.04	591.02
84.0	592.01	592.99	593.98	594.96	595.95	596.94	597.93	598.91	599.90	600.89
85.0	601.89	602.88	603.87	604.86	605.86	606.85	607.85	608.84	609.84	610.83
86.0	611.83	612.83	613.83	614.83	615.83	616.83	617.83	618.83	619.84	620.84
87.0	621.84	622.85	623.85	624.86	625.87	626.87	627.88	628.89	629.90	630.91
88.0	631.92	632.93	633.95	634.96	635.97	636.99	638.00	639.02	640.03	641.05
89.0	642.07	643.08	644.10	645.12	646.14	647.16	648.19	649.21	650.23	651.25
90.0	652.28	653.30	654.33	655.35	656.38	657.41	658.44	659.46	660.49	661.52
91.0	662.55	663.59	664.62	665.65	666.68	667.72	668.75	669.79	670.82	671.86
92.0	672.90	673.93	674.97	676.01	677.05	678.09	679.13	680.18	681.22	682.26
93.0	683.30	684.35	685.39	686.44	687.49	688.53	689.58	690.63	691.68	692.73
94.0	693.78	694.83	695.88	696.93	697.99	699.04	700.10	701.15	702.21	703.26
95.0	704.32	705.38	706.44	707.50	708.55	709.62	710.68	711.74	712.80	713.86
96.0	714.93	715.99	717.06	718.12	719.19	720.25	721.32	722.39	723.46	724.53
97.0	725.60	726.67	727.74	728.81	729.89	730.96	732.03	733.11	734.19	735.26
98.0	736.34	737.42	738.49	739.57	740.65	741.73	742.81	743.89	744.98	746.06
99.0	747.14	748.23	749.31	750.40	751.48	752.57	753.66	754.75	755.83	756.92

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 08/29/74

INSTRUMENT: AIA-2 TRAIN: MASS PIC: VALENCIA

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.11216857D+00
A(1) = 0.18668134D+02
A(2) = 0.746213940-01
A(3) = 0.443633380-03

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-0.1		
33.5	725.0	33.5	725.7	0.7	0.096
61.0	1519.0	61.0	1517.0	-2.0	-0.131
75.8	2035.0	75.8	2036.9	1.9	0.093
94.0	2783.0	94.0	2782.5	-0.5	-0.017

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-0.11	1.76	3.62	5.50	7.37	9.24	11.12	12.99	14.87	16.75
1.0	18.63	20.51	22.40	24.28	26.17	28.06	29.95	31.84	33.73	35.63
2.0	37.53	39.42	41.32	43.22	45.13	47.03	48.94	50.84	52.75	54.66
3.0	56.58	58.49	60.40	62.32	64.24	66.16	68.08	70.00	71.93	73.85
4.0	75.78	77.71	79.64	81.58	83.51	85.45	87.38	89.32	91.26	93.21
5.0	95.15	97.10	99.04	100.99	102.94	104.89	106.85	108.80	110.76	112.72
6.0	114.68	116.64	118.60	120.57	122.54	124.51	126.48	128.45	130.42	132.40
7.0	134.37	136.35	138.33	140.31	142.30	144.28	146.27	148.26	150.25	152.24
8.0	154.24	156.23	158.23	160.23	162.23	164.23	166.23	168.24	170.25	172.26
9.0	174.27	176.28	178.30	180.31	182.33	184.35	186.37	188.39	190.42	192.45
10.0	194.47	196.51	198.54	200.57	202.61	204.64	206.68	208.72	210.77	212.81
11.0	214.86	216.90	218.95	221.01	223.06	225.11	227.17	229.23	231.29	233.35
12.0	235.42	237.48	239.55	241.62	243.69	245.77	247.84	249.92	252.00	254.08
13.0	256.16	258.24	260.33	262.42	264.51	266.60	268.69	270.79	272.88	274.98
14.0	277.08	279.19	281.29	283.40	285.51	287.62	289.73	291.84	293.96	296.08
15.0	298.20	300.32	302.44	304.57	306.69	308.82	310.95	313.09	315.22	317.36
16.0	319.50	321.64	323.78	325.93	328.07	330.22	332.37	334.52	336.68	338.83
17.0	340.99	343.15	345.31	347.48	349.64	351.81	353.98	356.15	358.33	360.50
18.0	362.68	364.86	367.04	369.22	371.41	373.60	375.79	377.98	380.17	382.37
19.0	384.56	386.76	388.96	391.17	393.37	395.58	397.79	400.00	402.22	404.43
20.0	406.65	408.87	411.09	413.31	415.54	417.77	420.00	422.23	424.46	426.70
21.0	428.94	431.18	433.42	435.66	437.91	440.16	442.41	444.66	446.91	449.17
22.0	451.43	453.69	455.95	458.22	460.48	462.75	465.02	467.30	469.57	471.85
23.0	474.13	476.41	478.69	480.98	483.27	485.56	487.85	490.14	492.44	494.74
24.0	497.04	499.34	501.65	503.95	506.26	508.57	510.89	513.20	515.52	517.84
25.0	520.16	522.49	524.81	527.14	529.47	531.80	534.14	536.48	538.82	541.16
26.0	543.50	545.85	548.19	550.54	552.90	555.25	557.61	559.97	562.33	564.69
27.0	567.06	569.43	571.80	574.17	576.54	578.92	581.30	583.68	586.06	588.45
28.0	590.84	593.23	595.62	598.01	600.41	602.81	605.21	607.62	610.02	612.43
29.0	614.84	617.25	619.67	622.08	624.50	626.93	629.35	631.78	634.21	636.64
30.0	639.07	641.50	643.94	646.38	648.82	651.27	653.72	656.17	658.62	661.07
31.0	663.53	665.99	668.45	670.91	673.38	675.84	678.31	680.79	683.26	685.74
32.0	688.22	690.70	693.18	695.67	698.16	700.65	703.14	705.64	708.14	710.64
33.0	713.14	715.65	718.16	720.67	723.18	725.69	728.21	730.73	733.25	735.78
34.0	738.30	740.83	743.36	745.90	748.44	750.97	753.52	756.06	758.60	761.15

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	763.70	766.26	768.81	771.37	773.93	776.50	779.06	781.63	784.20	786.77
36.0	789.35	791.93	794.51	797.09	799.67	802.26	804.85	807.44	810.04	812.64
37.0	815.24	817.84	820.44	823.05	825.66	828.27	830.89	833.51	836.13	838.75
38.0	841.37	844.00	846.63	849.26	851.90	854.54	857.18	859.82	862.46	865.11
39.0	867.76	870.41	873.07	875.73	878.39	881.05	883.71	886.38	889.05	891.72
40.0	894.40	897.08	899.76	902.44	905.13	907.82	910.51	913.20	915.90	918.59
41.0	921.30	924.00	926.71	929.41	932.13	934.84	937.56	940.28	943.00	945.72
42.0	948.45	951.18	953.91	956.65	959.38	962.12	964.87	967.61	970.36	973.11
43.0	975.86	978.62	981.38	984.14	986.90	989.67	992.44	995.21	997.99	1000.76
44.0	1003.54	1006.33	1009.11	1011.90	1014.69	1017.48	1020.28	1023.08	1025.88	1028.68
45.0	1031.49	1034.30	1037.11	1039.92	1042.74	1045.56	1048.38	1051.21	1054.04	1056.87
46.0	1059.70	1062.54	1065.38	1068.22	1071.06	1073.91	1076.76	1079.61	1082.47	1085.33
47.0	1088.19	1091.05	1093.92	1096.79	1099.66	1102.53	1105.41	1108.29	1111.17	1114.06
48.0	1116.95	1119.84	1122.73	1125.63	1128.53	1131.43	1134.34	1137.25	1140.16	1143.07
49.0	1145.99	1148.90	1151.83	1154.75	1157.68	1160.61	1163.54	1166.48	1169.42	1172.36
50.0	1175.30	1178.25	1181.20	1184.15	1187.11	1190.07	1193.03	1195.99	1198.96	1201.93
51.0	1204.90	1207.88	1210.86	1213.84	1216.82	1219.81	1222.80	1225.79	1228.79	1231.78
52.0	1234.79	1237.79	1240.80	1243.81	1246.82	1249.84	1252.85	1255.88	1258.90	1261.93
53.0	1264.96	1267.99	1271.03	1274.07	1277.11	1280.15	1283.20	1286.25	1289.30	1292.36
54.0	1295.42	1298.48	1301.55	1304.62	1307.69	1310.76	1313.84	1316.92	1320.00	1323.09
55.0	1326.17	1329.27	1332.36	1335.46	1338.56	1341.66	1344.77	1347.88	1350.99	1354.11
56.0	1357.23	1360.35	1363.47	1366.60	1369.73	1372.86	1376.00	1379.14	1382.28	1385.43
57.0	1388.57	1391.73	1394.88	1398.04	1401.20	1404.36	1407.53	1410.70	1413.87	1417.05
58.0	1420.22	1423.41	1426.59	1429.78	1432.97	1436.16	1439.36	1442.56	1445.76	1448.97
59.0	1452.18	1455.39	1458.61	1461.82	1465.05	1468.27	1471.50	1474.73	1477.96	1481.20
60.0	1484.44	1487.68	1490.93	1494.18	1497.43	1500.68	1503.94	1507.20	1510.47	1513.74
61.0	1517.01	1520.28	1523.56	1526.84	1530.12	1533.41	1536.70	1539.99	1543.29	1546.59
62.0	1549.89	1553.19	1556.50	1559.81	1563.13	1566.45	1569.77	1573.09	1576.42	1579.75
63.0	1583.08	1586.42	1589.76	1593.10	1596.45	1599.80	1603.15	1606.51	1609.87	1613.23
64.0	1616.59	1619.96	1623.33	1626.71	1630.09	1633.47	1636.85	1640.24	1643.63	1647.03
65.0	1650.43	1653.83	1657.23	1660.64	1664.05	1667.46	1670.88	1674.30	1677.72	1681.15
66.0	1684.58	1688.01	1691.45	1694.89	1698.33	1701.78	1705.23	1708.68	1712.14	1715.59
67.0	1719.06	1722.52	1725.99	1729.46	1732.94	1736.42	1739.90	1743.39	1746.88	1750.37
68.0	1753.86	1757.36	1760.86	1764.37	1767.88	1771.39	1774.91	1778.42	1781.95	1785.47
69.0	1789.00	1792.53	1796.07	1799.61	1803.15	1806.69	1810.24	1813.79	1817.35	1820.91

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	1824.47	1828.03	1831.60	1835.17	1838.75	1842.33	1845.91	1849.50	1853.09	1856.68
71.0	1860.27	1863.87	1867.48	1871.08	1874.69	1878.30	1881.92	1885.54	1889.16	1892.79
72.0	1896.42	1900.05	1903.69	1907.33	1910.97	1914.62	1918.27	1921.92	1925.58	1929.24
73.0	1932.90	1936.57	1940.24	1943.91	1947.59	1951.27	1954.96	1958.64	1962.33	1966.03
74.0	1969.73	1973.43	1977.13	1980.84	1984.56	1988.27	1991.99	1995.71	1999.44	2003.17
75.0	2006.90	2010.64	2014.38	2018.12	2021.87	2025.62	2029.37	2033.13	2036.89	2040.66
76.0	2044.42	2048.20	2051.97	2055.75	2059.53	2063.32	2067.11	2070.90	2074.70	2078.49
77.0	2082.30	2086.10	2089.92	2093.73	2097.55	2101.37	2105.19	2109.02	2112.85	2116.69
78.0	2120.53	2124.37	2128.21	2132.06	2135.92	2139.77	2143.63	2147.50	2151.37	2155.24
79.0	2159.11	2162.99	2166.87	2170.76	2174.65	2178.54	2182.44	2186.33	2190.24	2194.15
80.0	2198.06	2201.97	2205.89	2209.81	2213.74	2217.66	2221.60	2225.53	2229.47	2233.42
81.0	2237.36	2241.31	2245.27	2249.23	2253.19	2257.15	2261.12	2265.09	2269.07	2273.05
82.0	2277.03	2281.02	2285.01	2289.01	2293.01	2297.01	2301.01	2305.02	2309.04	2313.05
83.0	2317.07	2321.10	2325.13	2329.16	2333.19	2337.23	2341.28	2345.32	2349.37	2353.43
84.0	2357.48	2361.54	2365.61	2369.68	2373.75	2377.83	2381.91	2385.99	2390.08	2394.17
85.0	2398.27	2402.36	2406.47	2410.57	2414.68	2418.80	2422.92	2427.04	2431.16	2435.29
86.0	2439.42	2443.56	2447.70	2451.84	2455.99	2460.14	2464.30	2468.46	2472.62	2476.79
87.0	2480.96	2485.13	2489.31	2493.49	2497.68	2501.87	2506.06	2510.26	2514.46	2518.67
88.0	2522.88	2527.09	2531.31	2535.53	2539.75	2543.98	2548.21	2552.45	2556.69	2560.93
89.0	2565.18	2569.43	2573.68	2577.94	2582.20	2586.47	2590.74	2595.02	2599.29	2603.58
90.0	2607.86	2612.15	2616.45	2620.74	2625.05	2629.35	2633.66	2637.97	2642.29	2646.61
91.0	2650.94	2655.27	2659.60	2663.94	2668.28	2672.62	2676.97	2681.32	2685.68	2690.04
92.0	2694.40	2698.77	2703.15	2707.52	2711.90	2716.29	2720.67	2725.07	2729.46	2733.86
93.0	2738.27	2742.67	2747.08	2751.50	2755.92	2760.34	2764.77	2769.20	2773.64	2778.08
94.0	2782.52	2786.97	2791.42	2795.88	2800.34	2804.80	2809.27	2813.74	2818.22	2822.70
95.0	2827.18	2831.67	2836.16	2840.66	2845.16	2849.66	2854.17	2858.68	2863.19	2867.71
96.0	2872.24	2876.77	2881.30	2885.84	2890.38	2894.92	2899.47	2904.02	2908.58	2913.14
97.0	2917.70	2922.27	2926.84	2931.42	2936.00	2940.59	2945.18	2949.77	2954.37	2958.97
98.0	2963.57	2968.18	2972.80	2977.42	2982.04	2986.66	2991.29	2995.93	3000.57	3005.21
99.0	3009.86	3014.51	3019.16	3023.82	3028.48	3033.15	3037.82	3042.50	3047.18	3051.86

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 30000 PPM CAL. DATE: 09/04/74

INSTRUMENT: AIA-2 TRAIN: MASS PIC: VALENCIA

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.17059015D+02
A(1) = 0.20879824D+03
A(2) = -0.19385418D+01
A(3) = 0.30144166D-01

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-17.1		
11.3	2035.0	11.3	2138.3	103.3	5.077
14.5	2783.0	14.5	2694.8	-88.2	-3.168
73.2	16700.0	73.2	16703.0	3.0	0.018
98.0	30200.0	98.0	30198.9	-1.1	-0.004

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 30000 PPM CAL. DATE: 09/04/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-17.06	3.80	24.62	45.41	66.15	86.86	107.53	128.16	148.75	169.31
1.0	189.83	210.31	230.76	251.17	271.54	291.88	312.18	332.44	352.67	372.87
2.0	393.02	413.15	433.24	453.29	473.31	493.29	513.24	533.16	553.04	572.89
3.0	592.70	612.48	632.23	651.95	671.63	691.28	710.90	730.48	750.04	769.56
4.0	789.05	808.50	827.93	847.33	866.69	886.02	905.33	924.60	943.84	963.05
5.0	982.24	1001.39	1020.51	1039.61	1058.67	1077.71	1096.71	1115.69	1134.64	1153.56
6.0	1172.45	1191.32	1210.16	1228.97	1247.75	1266.50	1285.23	1303.93	1322.61	1341.26
7.0	1359.88	1378.48	1397.05	1415.59	1434.11	1452.60	1471.07	1489.51	1507.93	1526.33
8.0	1544.69	1563.04	1581.36	1599.66	1617.93	1636.18	1654.40	1672.61	1690.79	1708.94
9.0	1727.08	1745.19	1763.28	1781.35	1799.39	1817.42	1835.42	1853.40	1871.36	1889.30
10.0	1907.21	1925.11	1942.99	1960.84	1978.68	1996.49	2014.29	2032.07	2049.82	2067.56
11.0	2085.28	2102.98	2120.66	2138.32	2155.97	2173.59	2191.20	2208.79	2226.37	2243.92
12.0	2261.46	2278.98	2296.48	2313.97	2331.44	2348.90	2366.34	2383.76	2401.17	2418.56
13.0	2435.93	2453.29	2470.64	2487.97	2505.28	2522.58	2539.87	2557.14	2574.40	2591.65
14.0	2608.88	2626.10	2643.30	2660.49	2677.67	2694.84	2711.99	2729.13	2746.26	2763.37
15.0	2780.48	2797.57	2814.65	2831.72	2848.78	2865.83	2882.87	2899.90	2916.91	2933.92
16.0	2950.92	2967.90	2984.88	3001.85	3018.81	3035.76	3052.70	3069.63	3086.55	3103.46
17.0	3120.37	3137.27	3154.16	3171.04	3187.92	3204.79	3221.65	3238.50	3255.35	3272.19
18.0	3289.02	3305.85	3322.67	3339.49	3356.30	3373.10	3389.90	3406.70	3423.49	3440.27
19.0	3457.05	3473.83	3490.60	3507.37	3524.13	3540.89	3557.65	3574.40	3591.15	3607.90
20.0	3624.64	3641.38	3658.12	3674.86	3691.60	3708.33	3725.06	3741.79	3758.52	3775.25
21.0	3791.97	3808.70	3825.42	3842.15	3858.87	3875.60	3892.32	3909.05	3925.77	3942.50
22.0	3959.22	3975.95	3992.68	4009.41	4026.14	4042.88	4059.61	4076.35	4093.09	4109.83
23.0	4126.57	4143.32	4160.07	4176.83	4193.59	4210.35	4227.11	4243.88	4260.65	4277.43
24.0	4294.21	4311.00	4327.79	4344.58	4361.38	4378.19	4395.00	4411.82	4428.64	4445.47
25.0	4462.31	4479.15	4496.00	4512.86	4529.72	4546.59	4563.47	4580.35	4597.25	4614.14
26.0	4631.05	4647.97	4664.89	4681.83	4698.77	4715.72	4732.68	4749.66	4766.63	4783.62
27.0	4800.62	4817.63	4834.65	4851.68	4868.72	4885.77	4902.84	4919.91	4937.00	4954.09
28.0	4971.20	4988.32	5005.45	5022.59	5039.75	5056.92	5074.10	5091.30	5108.50	5125.73
29.0	5142.96	5160.21	5177.47	5194.75	5212.04	5229.34	5246.66	5264.00	5281.35	5298.71
30.0	5316.09	5333.49	5350.90	5368.32	5385.77	5403.23	5420.70	5438.20	5455.70	5473.23
31.0	5490.77	5508.33	5525.91	5543.50	5561.12	5578.75	5596.40	5614.07	5631.75	5649.46
32.0	5667.18	5684.93	5702.69	5720.47	5738.27	5756.09	5773.93	5791.79	5809.68	5827.58
33.0	5845.50	5863.45	5881.41	5899.40	5917.41	5935.43	5953.48	5971.56	5989.65	6007.77
34.0	6025.91	6044.07	6062.26	6080.47	6098.70	6116.96	6135.24	6153.54	6171.87	6190.22

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 30000 PPM CAL. DATE: 09/04/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	6208.60	6227.00	6245.42	6263.87	6282.35	6300.85	6319.37	6337.92	6356.50	6375.11
36.0	6393.73	6412.39	6431.07	6449.78	6468.52	6487.28	6506.07	6524.89	6543.73	6562.60
37.0	6581.50	6600.43	6619.39	6638.37	6657.39	6676.43	6695.51	6714.61	6733.74	6752.90
38.0	6772.09	6791.31	6810.56	6829.84	6849.15	6868.50	6887.87	6907.27	6926.71	6946.17
39.0	6965.67	6985.20	7004.76	7024.36	7043.98	7063.64	7083.33	7103.06	7122.82	7142.61
40.0	7162.43	7182.29	7202.18	7222.11	7242.06	7262.06	7282.09	7302.15	7322.25	7342.38
41.0	7362.55	7382.75	7402.99	7423.26	7443.57	7463.92	7484.30	7504.72	7525.18	7545.67
42.0	7566.20	7586.77	7607.37	7628.01	7648.69	7669.41	7690.17	7710.96	7731.79	7752.66
43.0	7773.57	7794.52	7815.51	7836.54	7857.61	7878.71	7899.86	7921.05	7942.27	7963.54
44.0	7984.85	8006.20	8027.59	8049.02	8070.49	8092.00	8113.56	8135.16	8156.80	8178.48
45.0	8200.20	8221.97	8243.78	8265.63	8287.53	8309.46	8331.45	8353.48	8375.55	8397.66
46.0	8419.82	8442.02	8464.27	8486.56	8508.90	8531.28	8553.71	8576.18	8598.70	8621.27
47.0	8643.88	8666.54	8689.24	8711.99	8734.79	8757.63	8780.52	8803.46	8826.45	8849.48
48.0	8872.56	8895.69	8918.87	8942.09	8965.37	8988.69	9012.06	9035.48	9058.96	9082.48
49.0	9106.05	9129.67	9153.34	9177.06	9200.83	9224.65	9248.52	9272.45	9296.42	9320.44
50.0	9344.52	9368.65	9392.83	9417.06	9441.34	9465.68	9490.07	9514.52	9539.01	9563.56
51.0	9588.16	9612.81	9637.52	9662.29	9687.10	9711.97	9736.90	9761.87	9786.91	9812.00
52.0	9837.14	9862.34	9887.60	9912.91	9938.28	9963.70	9989.18	10014.71	10040.30	10065.95
53.0	10091.66	10117.42	10143.24	10169.12	10195.05	10221.04	10247.09	10273.20	10299.37	10325.60
54.0	10351.88	10378.22	10404.62	10431.09	10457.61	10484.19	10510.83	10537.53	10564.29	10591.11
55.0	10617.99	10644.93	10671.94	10699.00	10726.12	10753.31	10780.56	10807.87	10835.24	10862.68
56.0	10890.18	10917.73	10945.36	10973.04	11000.79	11028.60	11056.47	11084.41	11112.41	11140.48
57.0	11168.61	11196.80	11225.06	11253.38	11281.77	11310.23	11338.75	11367.33	11395.98	11424.69
58.0	11453.47	11482.32	11511.23	11540.21	11569.26	11598.37	11627.56	11656.80	11686.12	11715.50
59.0	11744.95	11774.47	11804.06	11833.71	11863.44	11893.23	11923.09	11953.02	11983.02	12013.09
60.0	12043.23	12073.43	12103.71	12134.06	12164.48	12194.97	12225.53	12256.16	12286.86	12317.63
61.0	12348.48	12379.39	12410.38	12441.44	12472.57	12503.77	12535.05	12566.39	12597.82	12629.31
62.0	12660.88	12692.52	12724.23	12756.02	12787.88	12819.82	12851.83	12883.91	12916.07	12948.31
63.0	12980.62	13013.00	13045.46	13078.00	13110.61	13143.30	13176.06	13208.90	13241.82	13274.81
64.0	13307.87	13341.02	13374.25	13407.55	13440.93	13474.38	13507.91	13541.53	13575.21	13608.98
65.0	13642.83	13676.76	13710.76	13744.85	13779.01	13813.25	13847.57	13881.98	13916.46	13951.02
66.0	13985.67	14020.39	14055.20	14090.08	14125.05	14160.10	14195.23	14230.44	14265.73	14301.11
67.0	14336.56	14372.10	14407.72	14443.43	14479.22	14515.09	14551.04	14587.08	14623.20	14659.41
68.0	14695.70	14732.07	14768.53	14805.07	14841.70	14878.41	14915.21	14952.09	14989.06	15026.12
69.0	15063.25	15100.48	15137.79	15175.19	15212.68	15250.25	15287.91	15325.65	15363.49	15401.41

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 30000 PPM CAL. DATE: 09/04/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	15439.41	15477.51	15515.70	15553.97	15592.33	15630.78	15669.32	15707.95	15746.66	15785.46
71.0	15824.36	15863.34	15902.42	15941.58	15980.84	16020.18	16059.62	16099.14	16138.76	16178.47
72.0	16218.27	16258.16	16298.14	16338.21	16378.38	16418.64	16458.99	16499.43	16539.97	16580.60
73.0	16621.32	16662.14	16703.05	16744.05	16785.14	16826.33	16867.62	16909.00	16950.47	16992.04
74.0	17033.70	17075.46	17117.31	17159.26	17201.30	17243.45	17285.68	17328.01	17370.44	17412.96
75.0	17455.59	17498.30	17541.12	17584.04	17627.04	17670.15	17713.36	17756.66	17800.06	17843.56
76.0	17887.16	17930.86	17974.65	18018.55	18062.54	18106.64	18150.83	18195.12	18239.52	18284.01
77.0	18328.60	18373.30	18418.09	18462.99	18507.98	18553.08	18598.28	18643.58	18688.98	18734.49
78.0	18780.10	18825.80	18871.62	18917.53	18963.55	19009.67	19055.89	19102.21	19148.65	19195.18
79.0	19241.82	19288.56	19335.41	19382.36	19429.41	19476.57	19523.84	19571.21	19618.68	19666.27
80.0	19713.95	19761.75	19809.64	19857.65	19905.76	19953.98	20002.30	20050.74	20099.28	20147.93
81.0	20196.68	20245.54	20294.51	20343.59	20392.77	20442.07	20491.47	20540.98	20590.61	20640.34
82.0	20690.18	20740.12	20790.19	20840.36	20890.63	20941.02	20991.52	21042.13	21092.86	21143.69
83.0	21194.63	21245.68	21296.85	21348.13	21399.52	21451.02	21502.64	21554.36	21606.20	21658.15
84.0	21710.22	21762.39	21814.69	21867.09	21919.61	21972.24	22024.99	22077.85	22130.83	22183.92
85.0	22237.12	22290.44	22343.87	22397.43	22451.09	22504.87	22558.77	22612.78	22666.91	22721.16
86.0	22775.52	22830.00	22884.60	22939.31	22994.14	23049.09	23104.15	23159.34	23214.64	23270.06
87.0	23325.60	23381.25	23437.03	23492.93	23548.94	23605.07	23661.32	23717.70	23774.19	23830.80
88.0	23887.53	23944.39	24001.36	24058.45	24115.67	24173.00	24230.46	24288.04	24345.74	24403.56
89.0	24461.51	24519.57	24577.76	24636.07	24694.51	24753.07	24811.75	24870.55	24929.48	24988.53
90.0	25047.70	25107.00	25166.42	25225.97	25285.64	25345.44	25405.36	25465.41	25525.58	25585.87
91.0	25646.30	25706.84	25767.52	25828.32	25889.25	25950.30	26011.48	26072.79	26134.22	26195.79
92.0	26257.47	26319.29	26381.23	26443.30	26505.51	26567.84	26630.29	26692.88	26755.59	26818.44
93.0	26881.41	26944.52	27007.75	27071.11	27134.60	27198.22	27261.98	27325.86	27389.87	27454.02
94.0	27518.29	27582.70	27647.24	27711.91	27776.71	27841.64	27906.71	27971.91	28037.24	28102.70
95.0	28168.30	28234.03	28299.89	28365.89	28432.02	28498.28	28564.68	28631.21	28697.88	28764.68
96.0	28831.61	28898.68	28965.89	29033.23	29100.70	29168.31	29236.06	29303.95	29371.96	29440.12
97.0	29508.41	29576.84	29645.40	29714.11	29782.95	29851.92	29921.04	29990.29	30059.68	30129.21
98.0	30198.87	30268.68	30338.62	30408.71	30478.93	30549.29	30619.79	30690.43	30761.21	30832.13
99.0	30903.19	30974.39	31045.73	31117.21	31188.83	31260.59	31332.50	31404.54	31476.73	31549.06

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 4% CAL. DATE: 08/29/74

INSTRUMENT: AIA-2 TRAIN: MASS PIC: VALENCIA

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - - + A(4)*(DEFLECTION**4)

A(0) = 0.46334804D-02
A(1) = 0.52697683D-01
A(2) = -0.25273349D-03
A(3) = 0.13901664D-05

C22

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	0.0		
20.6	1.0	20.6	1.0	-0.0	-1.474
45.6	2.0	45.6	2.0	0.0	0.949
73.2	3.1	73.2	3.1	-0.0	-0.387
98.0	4.0	98.0	4.1	0.0	0.078

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 4% CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	0.00	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05
1.0	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10
2.0	0.11	0.11	0.12	0.12	0.13	0.13	0.14	0.15	0.15	0.16
3.0	0.16	0.17	0.17	0.18	0.18	0.19	0.19	0.20	0.20	0.21
4.0	0.21	0.22	0.22	0.23	0.23	0.24	0.24	0.25	0.25	0.26
5.0	0.26	0.27	0.27	0.28	0.28	0.29	0.29	0.30	0.30	0.31
6.0	0.31	0.32	0.32	0.33	0.33	0.34	0.34	0.35	0.35	0.36
7.0	0.36	0.37	0.37	0.38	0.38	0.39	0.39	0.40	0.40	0.41
8.0	0.41	0.42	0.42	0.43	0.43	0.44	0.44	0.44	0.45	0.45
9.0	0.46	0.46	0.47	0.47	0.48	0.48	0.49	0.49	0.50	0.50
10.0	0.51	0.51	0.52	0.52	0.53	0.53	0.54	0.54	0.55	0.55
11.0	0.56	0.56	0.57	0.57	0.57	0.58	0.58	0.59	0.59	0.60
12.0	0.60	0.61	0.61	0.62	0.62	0.63	0.63	0.64	0.64	0.65
13.0	0.65	0.65	0.66	0.66	0.67	0.67	0.68	0.68	0.69	0.69
14.0	0.70	0.70	0.71	0.71	0.72	0.72	0.72	0.73	0.73	0.74
15.0	0.74	0.75	0.75	0.76	0.76	0.77	0.77	0.78	0.78	0.78
16.0	0.79	0.79	0.80	0.80	0.81	0.81	0.82	0.82	0.83	0.83
17.0	0.83	0.84	0.84	0.85	0.85	0.86	0.86	0.87	0.87	0.87
18.0	0.88	0.88	0.89	0.89	0.90	0.90	0.91	0.91	0.92	0.92
19.0	0.92	0.93	0.93	0.94	0.94	0.95	0.95	0.96	0.96	0.96
20.0	0.97	0.97	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.01
21.0	1.01	1.02	1.02	1.03	1.03	1.03	1.04	1.04	1.05	1.05
22.0	1.06	1.06	1.07	1.07	1.07	1.08	1.08	1.09	1.09	1.10
23.0	1.10	1.10	1.11	1.11	1.12	1.12	1.13	1.13	1.13	1.14
24.0	1.14	1.15	1.15	1.16	1.16	1.16	1.17	1.17	1.18	1.18
25.0	1.19	1.19	1.19	1.20	1.20	1.21	1.21	1.22	1.22	1.22
26.0	1.23	1.23	1.24	1.24	1.25	1.25	1.25	1.26	1.26	1.27
27.0	1.27	1.27	1.28	1.28	1.29	1.29	1.30	1.30	1.30	1.31
28.0	1.31	1.32	1.32	1.33	1.33	1.33	1.34	1.34	1.35	1.35
29.0	1.35	1.36	1.36	1.37	1.37	1.37	1.38	1.38	1.39	1.39
30.0	1.40	1.40	1.40	1.41	1.41	1.42	1.42	1.42	1.43	1.43
31.0	1.44	1.44	1.45	1.45	1.45	1.46	1.46	1.47	1.47	1.47
32.0	1.48	1.48	1.49	1.49	1.49	1.50	1.50	1.51	1.51	1.51
33.0	1.52	1.52	1.53	1.53	1.53	1.54	1.54	1.55	1.55	1.55
34.0	1.56	1.56	1.57	1.57	1.57	1.58	1.58	1.59	1.59	1.60

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 4% CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	1.60	1.60	1.61	1.61	1.62	1.62	1.62	1.63	1.63	1.64
36.0	1.64	1.64	1.65	1.65	1.66	1.66	1.66	1.67	1.67	1.67
37.0	1.68	1.68	1.69	1.69	1.69	1.70	1.70	1.71	1.71	1.71
38.0	1.72	1.72	1.73	1.73	1.73	1.74	1.74	1.75	1.75	1.75
39.0	1.76	1.76	1.77	1.77	1.77	1.78	1.78	1.79	1.79	1.79
40.0	1.80	1.80	1.80	1.81	1.81	1.82	1.82	1.82	1.83	1.83
41.0	1.84	1.84	1.84	1.85	1.85	1.86	1.86	1.86	1.87	1.87
42.0	1.88	1.88	1.88	1.89	1.89	1.89	1.90	1.90	1.91	1.91
43.0	1.91	1.92	1.92	1.93	1.93	1.93	1.94	1.94	1.94	1.95
44.0	1.95	1.96	1.96	1.96	1.97	1.97	1.98	1.98	1.98	1.99
45.0	1.99	1.99	2.00	2.00	2.01	2.01	2.01	2.02	2.02	2.03
46.0	2.03	2.03	2.04	2.04	2.04	2.05	2.05	2.06	2.06	2.06
47.0	2.07	2.07	2.08	2.08	2.08	2.09	2.09	2.09	2.10	2.10
48.0	2.11	2.11	2.11	2.12	2.12	2.12	2.13	2.13	2.14	2.14
49.0	2.14	2.15	2.15	2.15	2.16	2.16	2.17	2.17	2.17	2.18
50.0	2.18	2.19	2.19	2.19	2.20	2.20	2.20	2.21	2.21	2.22
51.0	2.22	2.22	2.23	2.23	2.23	2.24	2.24	2.25	2.25	2.25
52.0	2.26	2.26	2.26	2.27	2.27	2.28	2.28	2.28	2.29	2.29
53.0	2.29	2.30	2.30	2.31	2.31	2.31	2.32	2.32	2.32	2.33
54.0	2.33	2.34	2.34	2.34	2.35	2.35	2.35	2.36	2.36	2.37
55.0	2.37	2.37	2.38	2.38	2.38	2.39	2.39	2.40	2.40	2.40
56.0	2.41	2.41	2.41	2.42	2.42	2.43	2.43	2.43	2.44	2.44
57.0	2.44	2.45	2.45	2.46	2.46	2.46	2.47	2.47	2.47	2.48
58.0	2.48	2.49	2.49	2.49	2.50	2.50	2.50	2.51	2.51	2.52
59.0	2.52	2.52	2.53	2.53	2.53	2.54	2.54	2.55	2.55	2.55
60.0	2.56	2.56	2.56	2.57	2.57	2.58	2.58	2.58	2.59	2.59
61.0	2.59	2.60	2.60	2.61	2.61	2.61	2.62	2.62	2.62	2.63
62.0	2.63	2.64	2.64	2.64	2.65	2.65	2.65	2.66	2.66	2.67
63.0	2.67	2.67	2.68	2.68	2.68	2.69	2.69	2.70	2.70	2.70
64.0	2.71	2.71	2.71	2.72	2.72	2.73	2.73	2.73	2.74	2.74
65.0	2.74	2.75	2.75	2.76	2.76	2.76	2.77	2.77	2.77	2.78
66.0	2.78	2.79	2.79	2.79	2.80	2.80	2.80	2.81	2.81	2.82
67.0	2.82	2.82	2.83	2.83	2.83	2.84	2.84	2.85	2.85	2.85
68.0	2.86	2.86	2.86	2.87	2.87	2.88	2.88	2.88	2.89	2.89
69.0	2.89	2.90	2.90	2.91	2.91	2.91	2.92	2.92	2.92	2.93

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 4% CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	2.93	2.94	2.94	2.94	2.95	2.95	2.95	2.96	2.96	2.97
71.0	2.97	2.97	2.98	2.98	2.98	2.99	2.99	3.00	3.00	3.00
72.0	3.01	3.01	3.02	3.02	3.02	3.03	3.03	3.03	3.04	3.04
73.0	3.05	3.05	3.05	3.06	3.06	3.06	3.07	3.07	3.08	3.08
74.0	3.08	3.09	3.09	3.10	3.10	3.10	3.11	3.11	3.11	3.12
75.0	3.12	3.13	3.13	3.13	3.14	3.14	3.14	3.15	3.15	3.16
76.0	3.16	3.16	3.17	3.17	3.18	3.18	3.18	3.19	3.19	3.19
77.0	3.20	3.20	3.21	3.21	3.21	3.22	3.22	3.23	3.23	3.23
78.0	3.24	3.24	3.24	3.25	3.25	3.26	3.26	3.26	3.27	3.27
79.0	3.28	3.28	3.28	3.29	3.29	3.30	3.30	3.30	3.31	3.31
80.0	3.31	3.32	3.32	3.33	3.33	3.33	3.34	3.34	3.35	3.35
81.0	3.35	3.36	3.36	3.37	3.37	3.37	3.38	3.38	3.39	3.39
82.0	3.39	3.40	3.40	3.40	3.41	3.41	3.42	3.42	3.42	3.43
83.0	3.43	3.44	3.44	3.44	3.45	3.45	3.46	3.46	3.46	3.47
84.0	3.47	3.48	3.48	3.48	3.49	3.49	3.50	3.50	3.50	3.51
85.0	3.51	3.52	3.52	3.52	3.53	3.53	3.54	3.54	3.54	3.55
86.0	3.55	3.56	3.56	3.56	3.57	3.57	3.58	3.58	3.58	3.59
87.0	3.59	3.60	3.60	3.60	3.61	3.61	3.62	3.62	3.62	3.63
88.0	3.63	3.64	3.64	3.64	3.65	3.65	3.66	3.66	3.66	3.67
89.0	3.67	3.68	3.68	3.69	3.69	3.69	3.70	3.70	3.71	3.71
90.0	3.71	3.72	3.72	3.73	3.73	3.73	3.74	3.74	3.75	3.75
91.0	3.75	3.76	3.76	3.77	3.77	3.78	3.78	3.78	3.79	3.79
92.0	3.80	3.80	3.80	3.81	3.81	3.82	3.82	3.83	3.83	3.83
93.0	3.84	3.84	3.85	3.85	3.85	3.86	3.86	3.87	3.87	3.88
94.0	3.88	3.88	3.89	3.89	3.90	3.90	3.90	3.91	3.91	3.92
95.0	3.92	3.93	3.93	3.93	3.94	3.94	3.95	3.95	3.96	3.96
96.0	3.96	3.97	3.97	3.98	3.98	3.99	3.99	3.99	4.00	4.00
97.0	4.01	4.01	4.02	4.02	4.02	4.03	4.03	4.04	4.04	4.05
98.0	4.05	4.05	4.06	4.06	4.07	4.07	4.08	4.08	4.08	4.09
99.0	4.09	4.10	4.10	4.11	4.11	4.12	4.12	4.12	4.13	4.13

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 100 PPM CAL. DATE: 08/30/74 PAGE 1 OF 4

INSTRUMENT: TECO-CL TRAIN: MASS PIC: COKER

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.294753390-01
A(1) = 0.99710159D+00

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-0.0		
67.0	66.5	67.0	66.8	0.3	0.416
75.0	75.0	75.0	74.8	-0.2	-0.329

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 100 PPM CAL. DATE: 08/30/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-0.03	0.07	0.17	0.27	0.37	0.47	0.57	0.67	0.77	0.87
1.0	0.97	1.07	1.17	1.27	1.37	1.47	1.57	1.67	1.77	1.87
2.0	1.96	2.06	2.16	2.26	2.36	2.46	2.56	2.66	2.76	2.86
3.0	2.96	3.06	3.16	3.26	3.36	3.46	3.56	3.66	3.76	3.86
4.0	3.96	4.06	4.16	4.26	4.36	4.46	4.56	4.66	4.76	4.86
5.0	4.96	5.06	5.16	5.26	5.35	5.45	5.55	5.65	5.75	5.85
6.0	5.95	6.05	6.15	6.25	6.35	6.45	6.55	6.65	6.75	6.85
7.0	6.95	7.05	7.15	7.25	7.35	7.45	7.55	7.65	7.75	7.85
8.0	7.95	8.05	8.15	8.25	8.35	8.45	8.55	8.65	8.75	8.84
9.0	8.94	9.04	9.14	9.24	9.34	9.44	9.54	9.64	9.74	9.84
10.0	9.94	10.04	10.14	10.24	10.34	10.44	10.54	10.64	10.74	10.84
11.0	10.94	11.04	11.14	11.24	11.34	11.44	11.54	11.64	11.74	11.84
12.0	11.94	12.04	12.14	12.23	12.33	12.43	12.53	12.63	12.73	12.83
13.0	12.93	13.03	13.13	13.23	13.33	13.43	13.53	13.63	13.73	13.83
14.0	13.93	14.03	14.13	14.23	14.33	14.43	14.53	14.63	14.73	14.83
15.0	14.93	15.03	15.13	15.23	15.33	15.43	15.53	15.63	15.72	15.82
16.0	15.92	16.02	16.12	16.22	16.32	16.42	16.52	16.62	16.72	16.82
17.0	16.92	17.02	17.12	17.22	17.32	17.42	17.52	17.62	17.72	17.82
18.0	17.92	18.02	18.12	18.22	18.32	18.42	18.52	18.62	18.72	18.82
19.0	18.92	19.02	19.11	19.21	19.31	19.41	19.51	19.61	19.71	19.81
20.0	19.91	20.01	20.11	20.21	20.31	20.41	20.51	20.61	20.71	20.81
21.0	20.91	21.01	21.11	21.21	21.31	21.41	21.51	21.61	21.71	21.81
22.0	21.91	22.01	22.11	22.21	22.31	22.41	22.51	22.60	22.70	22.80
23.0	22.90	23.00	23.10	23.20	23.30	23.40	23.50	23.60	23.70	23.80
24.0	23.90	24.00	24.10	24.20	24.30	24.40	24.50	24.60	24.70	24.80
25.0	24.90	25.00	25.10	25.20	25.30	25.40	25.50	25.60	25.70	25.80
26.0	25.90	25.99	26.09	26.19	26.29	26.39	26.49	26.59	26.69	26.79
27.0	26.89	26.99	27.09	27.19	27.29	27.39	27.49	27.59	27.69	27.79
28.0	27.89	27.99	28.09	28.19	28.29	28.39	28.49	28.59	28.69	28.79
29.0	28.89	28.99	29.09	29.19	29.29	29.39	29.48	29.58	29.68	29.78
30.0	29.88	29.98	30.08	30.18	30.28	30.38	30.48	30.58	30.68	30.78
31.0	30.88	30.98	31.08	31.18	31.28	31.38	31.48	31.58	31.68	31.78
32.0	31.88	31.98	32.08	32.18	32.28	32.38	32.48	32.58	32.68	32.78
33.0	32.87	32.97	33.07	33.17	33.27	33.37	33.47	33.57	33.67	33.77
34.0	33.87	33.97	34.07	34.17	34.27	34.37	34.47	34.57	34.67	34.77

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 100 PPM CAL. DATE: 08/30/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	34.87	34.97	35.07	35.17	35.27	35.37	35.47	35.57	35.67	35.77
36.0	35.87	35.97	36.07	36.17	36.27	36.36	36.46	36.56	36.66	36.76
37.0	36.86	36.96	37.06	37.16	37.26	37.36	37.46	37.56	37.66	37.76
38.0	37.86	37.96	38.06	38.16	38.26	38.36	38.46	38.56	38.66	38.76
39.0	38.86	38.96	39.06	39.16	39.26	39.36	39.46	39.56	39.66	39.75
40.0	39.85	39.95	40.05	40.15	40.25	40.35	40.45	40.55	40.65	40.75
41.0	40.85	40.95	41.05	41.15	41.25	41.35	41.45	41.55	41.65	41.75
42.0	41.85	41.95	42.05	42.15	42.25	42.35	42.45	42.55	42.65	42.75
43.0	42.85	42.95	43.05	43.15	43.24	43.34	43.44	43.54	43.64	43.74
44.0	43.84	43.94	44.04	44.14	44.24	44.34	44.44	44.54	44.64	44.74
45.0	44.84	44.94	45.04	45.14	45.24	45.34	45.44	45.54	45.64	45.74
46.0	45.84	45.94	46.04	46.14	46.24	46.34	46.44	46.54	46.63	46.73
47.0	46.83	46.93	47.03	47.13	47.23	47.33	47.43	47.53	47.63	47.73
48.0	47.83	47.93	48.03	48.13	48.23	48.33	48.43	48.53	48.63	48.73
49.0	48.83	48.93	49.03	49.13	49.23	49.33	49.43	49.53	49.63	49.73
50.0	49.83	49.93	50.03	50.12	50.22	50.32	50.42	50.52	50.62	50.72
51.0	50.82	50.92	51.02	51.12	51.22	51.32	51.42	51.52	51.62	51.72
52.0	51.82	51.92	52.02	52.12	52.22	52.32	52.42	52.52	52.62	52.72
53.0	52.82	52.92	53.02	53.12	53.22	53.32	53.42	53.51	53.61	53.71
54.0	53.81	53.91	54.01	54.11	54.21	54.31	54.41	54.51	54.61	54.71
55.0	54.81	54.91	55.01	55.11	55.21	55.31	55.41	55.51	55.61	55.71
56.0	55.81	55.91	56.01	56.11	56.21	56.31	56.41	56.51	56.61	56.71
57.0	56.81	56.91	57.00	57.10	57.20	57.30	57.40	57.50	57.60	57.70
58.0	57.80	57.90	58.00	58.10	58.20	58.30	58.40	58.50	58.60	58.70
59.0	58.80	58.90	59.00	59.10	59.20	59.30	59.40	59.50	59.60	59.70
60.0	59.80	59.90	60.00	60.10	60.20	60.30	60.39	60.49	60.59	60.69
61.0	60.79	60.89	60.99	61.09	61.19	61.29	61.39	61.49	61.59	61.69
62.0	61.79	61.89	61.99	62.09	62.19	62.29	62.39	62.49	62.59	62.69
63.0	62.79	62.89	62.99	63.09	63.19	63.29	63.39	63.49	63.59	63.69
64.0	63.79	63.88	63.98	64.08	64.18	64.28	64.38	64.48	64.58	64.68
65.0	64.78	64.88	64.98	65.08	65.18	65.28	65.38	65.48	65.58	65.68
66.0	65.78	65.88	65.98	66.08	66.18	66.28	66.38	66.48	66.58	66.68
67.0	66.78	66.88	66.98	67.08	67.18	67.27	67.37	67.47	67.57	67.67
68.0	67.77	67.87	67.97	68.07	68.17	68.27	68.37	68.47	68.57	68.67
69.0	68.77	68.87	68.97	69.07	69.17	69.27	69.37	69.47	69.57	69.67

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIN POLLUTANT: NOX RANGE: 0 - 100 PPM CAL. DATE: 08/30/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	69.77	69.87	69.97	70.07	70.17	70.27	70.37	70.47	70.57	70.67
71.0	70.76	70.86	70.96	71.06	71.16	71.26	71.36	71.46	71.56	71.66
72.0	71.76	71.86	71.96	72.06	72.16	72.26	72.36	72.46	72.56	72.66
73.0	72.76	72.86	72.96	73.06	73.16	73.26	73.36	73.46	73.56	73.66
74.0	73.76	73.86	73.96	74.06	74.15	74.25	74.35	74.45	74.55	74.65
75.0	74.75	74.85	74.95	75.05	75.15	75.25	75.35	75.45	75.55	75.65
76.0	75.75	75.85	75.95	76.05	76.15	76.25	76.35	76.45	76.55	76.65
77.0	76.75	76.85	76.95	77.05	77.15	77.25	77.35	77.45	77.55	77.64
78.0	77.74	77.84	77.94	78.04	78.14	78.24	78.34	78.44	78.54	78.64
79.0	78.74	78.84	78.94	79.04	79.14	79.24	79.34	79.44	79.54	79.64
80.0	79.74	79.84	79.94	80.04	80.14	80.24	80.34	80.44	80.54	80.64
81.0	80.74	80.84	80.94	81.03	81.13	81.23	81.33	81.43	81.53	81.63
82.0	81.73	81.83	81.93	82.03	82.13	82.23	82.33	82.43	82.53	82.63
83.0	82.73	82.83	82.93	83.03	83.13	83.23	83.33	83.43	83.53	83.63
84.0	83.73	83.83	83.93	84.03	84.13	84.23	84.33	84.43	84.52	84.62
85.0	84.72	84.82	84.92	85.02	85.12	85.22	85.32	85.42	85.52	85.62
86.0	85.72	85.82	85.92	86.02	86.12	86.22	86.32	86.42	86.52	86.62
87.0	86.72	86.82	86.92	87.02	87.12	87.22	87.32	87.42	87.52	87.62
88.0	87.72	87.82	87.91	88.01	88.11	88.21	88.31	88.41	88.51	88.61
89.0	88.71	88.81	88.91	89.01	89.11	89.21	89.31	89.41	89.51	89.61
90.0	89.71	89.81	89.91	90.01	90.11	90.21	90.31	90.41	90.51	90.61
91.0	90.71	90.81	90.91	91.01	91.11	91.21	91.31	91.40	91.50	91.60
92.0	91.70	91.80	91.90	92.00	92.10	92.20	92.30	92.40	92.50	92.60
93.0	92.70	92.80	92.90	93.00	93.10	93.20	93.30	93.40	93.50	93.60
94.0	93.70	93.80	93.90	94.00	94.10	94.20	94.30	94.40	94.50	94.60
95.0	94.70	94.79	94.89	94.99	95.09	95.19	95.29	95.39	95.49	95.59
96.0	95.69	95.79	95.89	95.99	96.09	96.19	96.29	96.39	96.49	96.59
97.0	96.69	96.79	96.89	96.99	97.09	97.19	97.29	97.39	97.49	97.59
98.0	97.69	97.79	97.89	97.99	98.09	98.19	98.28	98.38	98.48	98.58
99.0	98.68	98.78	98.88	98.98	99.08	99.18	99.28	99.38	99.48	99.58

C29

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 250 PPM CAL. DATE: 08/29/74 PAGE 1 OF 4

INSTRUMENT: TECO-CL TRAIN: MASS PIC: VALENCIA

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.50000000D-10
A(1) = 0.24795198D+01
A(2) = 0.10917547D-02

C30

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-0.0		
50.5	128.0	50.5	128.0	-0.0	-0.000
90.0	232.0	90.0	232.0	-0.0	-0.000

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 250 PPM CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-0.00	0.25	0.50	0.74	0.99	1.24	1.49	1.74	1.98	2.23
1.0	2.48	2.73	2.98	3.23	3.47	3.72	3.97	4.22	4.47	4.72
2.0	4.96	5.21	5.46	5.71	5.96	6.21	6.45	6.70	6.95	7.20
3.0	7.45	7.70	7.95	8.19	8.44	8.69	8.94	9.19	9.44	9.69
4.0	9.94	10.18	10.43	10.68	10.93	11.18	11.43	11.68	11.93	12.18
5.0	12.42	12.67	12.92	13.17	13.42	13.67	13.92	14.17	14.42	14.67
6.0	14.92	15.17	15.41	15.66	15.91	16.16	16.41	16.66	16.91	17.16
7.0	17.41	17.66	17.91	18.16	18.41	18.66	18.91	19.16	19.41	19.66
8.0	19.91	20.16	20.41	20.66	20.90	21.15	21.40	21.65	21.90	22.15
9.0	22.40	22.65	22.90	23.15	23.40	23.65	23.90	24.15	24.40	24.65
10.0	24.90	25.15	25.40	25.65	25.91	26.16	26.41	26.66	26.91	27.16
11.0	27.41	27.66	27.91	28.16	28.41	28.66	28.91	29.16	29.41	29.66
12.0	29.91	30.16	30.41	30.66	30.91	31.16	31.42	31.67	31.92	32.17
13.0	32.42	32.67	32.92	33.17	33.42	33.67	33.92	34.17	34.43	34.68
14.0	34.93	35.18	35.43	35.68	35.93	36.18	36.43	36.68	36.94	37.19
15.0	37.44	37.69	37.94	38.19	38.44	38.69	38.95	39.20	39.45	39.70
16.0	39.95	40.20	40.45	40.71	40.96	41.21	41.46	41.71	41.96	42.22
17.0	42.47	42.72	42.97	43.22	43.47	43.73	43.98	44.23	44.48	44.73
18.0	44.99	45.24	45.49	45.74	45.99	46.24	46.50	46.75	47.00	47.25
19.0	47.51	47.76	48.01	48.26	48.51	48.77	49.02	49.27	49.52	49.77
20.0	50.03	50.28	50.53	50.78	51.04	51.29	51.54	51.79	52.05	52.30
21.0	52.55	52.80	53.06	53.31	53.56	53.81	54.07	54.32	54.57	54.83
22.0	55.08	55.33	55.58	55.84	56.09	56.34	56.59	56.85	57.10	57.35
23.0	57.61	57.86	58.11	58.37	58.62	58.87	59.12	59.38	59.63	59.88
24.0	60.14	60.39	60.64	60.90	61.15	61.40	61.66	61.91	62.16	62.42
25.0	62.67	62.92	63.18	63.43	63.68	63.94	64.19	64.44	64.70	64.95
26.0	65.21	65.46	65.71	65.97	66.22	66.47	66.73	66.98	67.24	67.49
27.0	67.74	68.00	68.25	68.50	68.76	69.01	69.27	69.52	69.77	70.03
28.0	70.28	70.54	70.79	71.04	71.30	71.55	71.81	72.06	72.32	72.57
29.0	72.82	73.08	73.33	73.59	73.84	74.10	74.35	74.60	74.86	75.11
30.0	75.37	75.62	75.88	76.13	76.39	76.64	76.90	77.15	77.40	77.66
31.0	77.91	78.17	78.42	78.68	78.93	79.19	79.44	79.70	79.95	80.21
32.0	80.46	80.72	80.97	81.23	81.48	81.74	81.99	82.25	82.50	82.76
33.0	83.01	83.27	83.52	83.78	84.03	84.29	84.54	84.80	85.06	85.31
34.0	85.57	85.82	86.08	86.33	86.59	86.84	87.10	87.35	87.61	87.87

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 250 PPM CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	88.12	88.38	88.63	88.89	89.14	89.40	89.65	89.91	90.17	90.42
36.0	90.68	90.93	91.19	91.45	91.70	91.96	92.21	92.47	92.72	92.98
37.0	93.24	93.49	93.75	94.01	94.26	94.52	94.77	95.03	95.29	95.54
38.0	95.80	96.05	96.31	96.57	96.82	97.08	97.34	97.59	97.85	98.11
39.0	98.36	98.62	98.87	99.13	99.39	99.64	99.90	100.16	100.41	100.67
40.0	100.93	101.18	101.44	101.70	101.95	102.21	102.47	102.72	102.98	103.24
41.0	103.50	103.75	104.01	104.27	104.52	104.78	105.04	105.29	105.55	105.81
42.0	106.07	106.32	106.58	106.84	107.09	107.35	107.61	107.87	108.12	108.38
43.0	108.64	108.90	109.15	109.41	109.67	109.93	110.18	110.44	110.70	110.95
44.0	111.21	111.47	111.73	111.99	112.24	112.50	112.76	113.02	113.27	113.53
45.0	113.79	114.05	114.30	114.56	114.82	115.08	115.34	115.59	115.85	116.11
46.0	116.37	116.63	116.88	117.14	117.40	117.66	117.92	118.17	118.43	118.69
47.0	118.95	119.21	119.47	119.72	119.98	120.24	120.50	120.76	121.02	121.27
48.0	121.53	121.79	122.05	122.31	122.57	122.82	123.08	123.34	123.60	123.86
49.0	124.12	124.38	124.64	124.89	125.15	125.41	125.67	125.93	126.19	126.45
50.0	126.71	126.96	127.22	127.48	127.74	128.00	128.26	128.52	128.78	129.04
51.0	129.30	129.55	129.81	130.07	130.33	130.59	130.85	131.11	131.37	131.63
52.0	131.89	132.15	132.41	132.67	132.92	133.18	133.44	133.70	133.96	134.22
53.0	134.48	134.74	135.00	135.26	135.52	135.78	136.04	136.30	136.56	136.82
54.0	137.08	137.34	137.60	137.86	138.12	138.38	138.64	138.90	139.16	139.42
55.0	139.68	139.94	140.20	140.46	140.72	140.98	141.24	141.50	141.76	142.02
56.0	142.28	142.54	142.80	143.06	143.32	143.58	143.84	144.10	144.36	144.62
57.0	144.88	145.14	145.40	145.66	145.92	146.18	146.44	146.70	146.96	147.22
58.0	147.48	147.75	148.01	148.27	148.53	148.79	149.05	149.31	149.57	149.83
59.0	150.09	150.35	150.61	150.87	151.14	151.40	151.66	151.92	152.18	152.44
60.0	152.70	152.96	153.22	153.48	153.75	154.01	154.27	154.53	154.79	155.05
61.0	155.31	155.57	155.84	156.10	156.36	156.62	156.88	157.14	157.40	157.67
62.0	157.93	158.19	158.45	158.71	158.97	159.23	159.50	159.76	160.02	160.28
63.0	160.54	160.80	161.07	161.33	161.59	161.85	162.11	162.38	162.64	162.90
64.0	163.16	163.42	163.69	163.95	164.21	164.47	164.73	165.00	165.26	165.52
65.0	165.78	166.04	166.31	166.57	166.83	167.09	167.35	167.62	167.88	168.14
66.0	168.40	168.67	168.93	169.19	169.45	169.72	169.98	170.24	170.50	170.77
67.0	171.03	171.29	171.55	171.82	172.08	172.34	172.60	172.87	173.13	173.39
68.0	173.66	173.92	174.18	174.44	174.71	174.97	175.23	175.50	175.76	176.02
69.0	176.28	176.55	176.81	177.07	177.34	177.60	177.86	178.13	178.39	178.65

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 250 PPM CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	178.92	179.18	179.44	179.71	179.97	180.23	180.50	180.76	181.02	181.29
71.0	181.55	181.81	182.08	182.34	182.60	182.87	183.13	183.39	183.66	183.92
72.0	184.19	184.45	184.71	184.98	185.24	185.50	185.77	186.03	186.30	186.56
73.0	186.82	187.09	187.35	187.61	187.88	188.14	188.41	188.67	188.93	189.20
74.0	189.46	189.73	189.99	190.26	190.52	190.78	191.05	191.31	191.58	191.84
75.0	192.11	192.37	192.63	192.90	193.16	193.43	193.69	193.96	194.22	194.48
76.0	194.75	195.01	195.28	195.54	195.81	196.07	196.34	196.60	196.87	197.13
77.0	197.40	197.66	197.93	198.19	198.46	198.72	198.99	199.25	199.51	199.78
78.0	200.04	200.31	200.57	200.84	201.10	201.37	201.64	201.90	202.17	202.43
79.0	202.70	202.96	203.23	203.49	203.76	204.02	204.29	204.55	204.82	205.08
80.0	205.35	205.61	205.88	206.15	206.41	206.68	206.94	207.21	207.47	207.74
81.0	208.00	208.27	208.54	208.80	209.07	209.33	209.60	209.86	210.13	210.40
82.0	210.66	210.93	211.19	211.46	211.73	211.99	212.26	212.52	212.79	213.06
83.0	213.32	213.59	213.85	214.12	214.39	214.65	214.92	215.18	215.45	215.72
84.0	215.98	216.25	216.52	216.78	217.05	217.31	217.58	217.85	218.11	218.38
85.0	218.65	218.91	219.18	219.45	219.71	219.98	220.25	220.51	220.78	221.05
86.0	221.31	221.58	221.85	222.11	222.38	222.65	222.91	223.18	223.45	223.71
87.0	223.98	224.25	224.52	224.78	225.05	225.32	225.58	225.85	226.12	226.39
88.0	226.65	226.92	227.19	227.45	227.72	227.99	228.26	228.52	228.79	229.06
89.0	229.33	229.59	229.86	230.13	230.39	230.66	230.93	231.20	231.46	231.73
90.0	232.00	232.27	232.54	232.80	233.07	233.34	233.61	233.87	234.14	234.41
91.0	234.68	234.95	235.21	235.48	235.75	236.02	236.28	236.55	236.82	237.09
92.0	237.36	237.62	237.89	238.16	238.43	238.70	238.97	239.23	239.50	239.77
93.0	240.04	240.31	240.57	240.84	241.11	241.38	241.65	241.92	242.18	242.45
94.0	242.72	242.99	243.26	243.53	243.80	244.06	244.33	244.60	244.87	245.14
95.0	245.41	245.68	245.94	246.21	246.48	246.75	247.02	247.29	247.56	247.83
96.0	248.10	248.36	248.63	248.90	249.17	249.44	249.71	249.98	250.25	250.52
97.0	250.79	251.05	251.32	251.59	251.86	252.13	252.40	252.67	252.94	253.21
98.0	253.48	253.75	254.02	254.29	254.56	254.83	255.09	255.36	255.63	255.90
99.0	256.17	256.44	256.71	256.98	257.25	257.52	257.79	258.06	258.33	258.60

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 1000 PPM CAL. DATE: 08/30/74

INSTRUMENT: FID-108A TRAIN: 7-M PIC: BROWN

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.82688448D+00
A(1) = 0.10126413D+02

C34

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-0.8		
5.0	49.5	5.0	49.8	0.3	0.617
9.1	90.5	9.1	91.3	0.8	0.910
15.0	151.0	15.0	151.1	0.1	0.046
22.1	223.0	22.1	223.0	-0.0	-0.015
27.6	279.0	27.6	278.7	-0.3	-0.121

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 1000 PPM CAL. DATE: 08/30/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-0.83	0.19	1.20	2.21	3.22	4.24	5.25	6.26	7.27	8.29
1.0	9.30	10.31	11.32	12.34	13.35	14.36	15.38	16.39	17.40	18.41
2.0	19.43	20.44	21.45	22.46	23.48	24.49	25.50	26.51	27.53	28.54
3.0	29.55	30.56	31.58	32.59	33.60	34.62	35.63	36.64	37.65	38.67
4.0	39.68	40.69	41.70	42.72	43.73	44.74	45.75	46.77	47.78	48.79
5.0	49.81	50.82	51.83	52.84	53.86	54.87	55.88	56.89	57.91	58.92
6.0	59.93	60.94	61.96	62.97	63.98	64.99	66.01	67.02	68.03	69.05
7.0	70.06	71.07	72.08	73.10	74.11	75.12	76.13	77.15	78.16	79.17
8.0	80.18	81.20	82.21	83.22	84.24	85.25	86.26	87.27	88.29	89.30
9.0	90.31	91.32	92.34	93.35	94.36	95.37	96.39	97.40	98.41	99.42
10.0	100.44	101.45	102.46	103.48	104.49	105.50	106.51	107.53	108.54	109.55
11.0	110.56	111.58	112.59	113.60	114.61	115.63	116.64	117.65	118.66	119.68
12.0	120.69	121.70	122.72	123.73	124.74	125.75	126.77	127.78	128.79	129.80
13.0	130.82	131.83	132.84	133.85	134.87	135.88	136.89	137.90	138.92	139.93
14.0	140.94	141.96	142.97	143.98	144.99	146.01	147.02	148.03	149.04	150.06
15.0	151.07	152.08	153.09	154.11	155.12	156.13	157.15	158.16	159.17	160.18
16.0	161.20	162.21	163.22	164.23	165.25	166.26	167.27	168.28	169.30	170.31
17.0	171.32	172.33	173.35	174.36	175.37	176.39	177.40	178.41	179.42	180.44
18.0	181.45	182.46	183.47	184.49	185.50	186.51	187.52	188.54	189.55	190.56
19.0	191.57	192.59	193.60	194.61	195.63	196.64	197.65	198.66	199.68	200.69
20.0	201.70	202.71	203.73	204.74	205.75	206.76	207.78	208.79	209.80	210.82
21.0	211.83	212.84	213.85	214.87	215.88	216.89	217.90	218.92	219.93	220.94
22.0	221.95	222.97	223.98	224.99	226.00	227.02	228.03	229.04	230.06	231.07
23.0	232.08	233.09	234.11	235.12	236.13	237.14	238.16	239.17	240.18	241.19
24.0	242.21	243.22	244.23	245.24	246.26	247.27	248.28	249.30	250.31	251.32
25.0	252.33	253.35	254.36	255.37	256.38	257.40	258.41	259.42	260.43	261.45
26.0	262.46	263.47	264.49	265.50	266.51	267.52	268.54	269.55	270.56	271.57
27.0	272.59	273.60	274.61	275.62	276.64	277.65	278.66	279.67	280.69	281.70
28.0	282.71	283.73	284.74	285.75	286.76	287.78	288.79	289.80	290.81	291.83
29.0	292.84	293.85	294.86	295.88	296.89	297.90	298.91	299.93	300.94	301.95
30.0	302.97	303.98	304.99	306.00	307.02	308.03	309.04	310.05	311.07	312.08
31.0	313.09	314.10	315.12	316.13	317.14	318.16	319.17	320.18	321.19	322.21
32.0	323.22	324.23	325.24	326.26	327.27	328.28	329.29	330.31	331.32	332.33
33.0	333.34	334.36	335.37	336.38	337.40	338.41	339.42	340.43	341.45	342.46
34.0	343.47	344.48	345.50	346.51	347.52	348.53	349.55	350.56	351.57	352.58

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 1000 PPM CAL. DATE: 08/30/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	353.60	354.61	355.62	356.64	357.65	358.66	359.67	360.69	361.70	362.71
36.0	363.72	364.74	365.75	366.76	367.77	368.79	369.80	370.81	371.82	372.84
37.0	373.85	374.86	375.88	376.89	377.90	378.91	379.93	380.94	381.95	382.96
38.0	383.98	384.99	386.00	387.01	388.03	389.04	390.05	391.07	392.08	393.09
39.0	394.10	395.12	396.13	397.14	398.15	399.17	400.18	401.19	402.20	403.22
40.0	404.23	405.24	406.25	407.27	408.28	409.29	410.31	411.32	412.33	413.34
41.0	414.36	415.37	416.38	417.39	418.41	419.42	420.43	421.44	422.46	423.47
42.0	424.48	425.50	426.51	427.52	428.53	429.55	430.56	431.57	432.58	433.60
43.0	434.61	435.62	436.63	437.65	438.66	439.67	440.68	441.70	442.71	443.72
44.0	444.74	445.75	446.76	447.77	448.79	449.80	450.81	451.82	452.84	453.85
45.0	454.86	455.87	456.89	457.90	458.91	459.92	460.94	461.95	462.96	463.98
46.0	464.99	466.00	467.01	468.03	469.04	470.05	471.06	472.08	473.09	474.10
47.0	475.11	476.13	477.14	478.15	479.17	480.18	481.19	482.20	483.22	484.23
48.0	485.24	486.25	487.27	488.28	489.29	490.30	491.32	492.33	493.34	494.35
49.0	495.37	496.38	497.39	498.41	499.42	500.43	501.44	502.46	503.47	504.48
50.0	505.49	506.51	507.52	508.53	509.54	510.56	511.57	512.58	513.59	514.61
51.0	515.62	516.63	517.65	518.66	519.67	520.68	521.70	522.71	523.72	524.73
52.0	525.75	526.76	527.77	528.78	529.80	530.81	531.82	532.83	533.85	534.86
53.0	535.87	536.89	537.90	538.91	539.92	540.94	541.95	542.96	543.97	544.99
54.0	546.00	547.01	548.02	549.04	550.05	551.06	552.08	553.09	554.10	555.11
55.0	556.13	557.14	558.15	559.16	560.18	561.19	562.20	563.21	564.23	565.24
56.0	566.25	567.26	568.28	569.29	570.30	571.32	572.33	573.34	574.35	575.37
57.0	576.38	577.39	578.40	579.42	580.43	581.44	582.45	583.47	584.48	585.49
58.0	586.51	587.52	588.53	589.54	590.56	591.57	592.58	593.59	594.61	595.62
59.0	596.63	597.64	598.66	599.67	600.68	601.69	602.71	603.72	604.73	605.75
60.0	606.76	607.77	608.78	609.80	610.81	611.82	612.83	613.85	614.86	615.87
61.0	616.88	617.90	618.91	619.92	620.93	621.95	622.96	623.97	624.99	626.00
62.0	627.01	628.02	629.04	630.05	631.06	632.07	633.09	634.10	635.11	636.12
63.0	637.14	638.15	639.16	640.18	641.19	642.20	643.21	644.23	645.24	646.25
64.0	647.26	648.28	649.29	650.30	651.31	652.33	653.34	654.35	655.36	656.38
65.0	657.39	658.40	659.42	660.43	661.44	662.45	663.47	664.48	665.49	666.50
66.0	667.52	668.53	669.54	670.55	671.57	672.58	673.59	674.60	675.62	676.63
67.0	677.64	678.66	679.67	680.68	681.69	682.71	683.72	684.73	685.74	686.76
68.0	687.77	688.78	689.79	690.81	691.82	692.83	693.84	694.86	695.87	696.88
69.0	697.90	698.91	699.92	700.93	701.95	702.96	703.97	704.98	706.00	707.01

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 1000 PPM CAL. DATE: 08/30/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	708.02	709.03	710.05	711.06	712.07	713.09	714.10	715.11	716.12	717.14
71.0	718.15	719.16	720.17	721.19	722.20	723.21	724.22	725.24	726.25	727.26
72.0	728.27	729.29	730.30	731.31	732.33	733.34	734.35	735.36	736.38	737.39
73.0	738.40	739.41	740.43	741.44	742.45	743.46	744.48	745.49	746.50	747.52
74.0	748.53	749.54	750.55	751.57	752.58	753.59	754.60	755.62	756.63	757.64
75.0	758.65	759.67	760.68	761.69	762.70	763.72	764.73	765.74	766.76	767.77
76.0	768.78	769.79	770.81	771.82	772.83	773.84	774.86	775.87	776.88	777.89
77.0	778.91	779.92	780.93	781.94	782.96	783.97	784.98	786.00	787.01	788.02
78.0	789.03	790.05	791.06	792.07	793.08	794.10	795.11	796.12	797.13	798.15
79.0	799.16	800.17	801.19	802.20	803.21	804.22	805.24	806.25	807.26	808.27
80.0	809.29	810.30	811.31	812.32	813.34	814.35	815.36	816.37	817.39	818.40
81.0	819.41	820.43	821.44	822.45	823.46	824.48	825.49	826.50	827.51	828.53
82.0	829.54	830.55	831.56	832.58	833.59	834.60	835.61	836.63	837.64	838.65
83.0	839.67	840.68	841.69	842.70	843.72	844.73	845.74	846.75	847.77	848.78
84.0	849.79	850.80	851.82	852.83	853.84	854.85	855.87	856.88	857.89	858.91
85.0	859.92	860.93	861.94	862.96	863.97	864.98	865.99	867.01	868.02	869.03
86.0	870.04	871.06	872.07	873.08	874.10	875.11	876.12	877.13	878.15	879.16
87.0	880.17	881.18	882.20	883.21	884.22	885.23	886.25	887.26	888.27	889.28
88.0	890.30	891.31	892.32	893.34	894.35	895.36	896.37	897.39	898.40	899.41
89.0	900.42	901.44	902.45	903.46	904.47	905.49	906.50	907.51	908.53	909.54
90.0	910.55	911.56	912.58	913.59	914.60	915.61	916.63	917.64	918.65	919.66
91.0	920.68	921.69	922.70	923.71	924.73	925.74	926.75	927.77	928.78	929.79
92.0	930.80	931.82	932.83	933.84	934.85	935.87	936.88	937.89	938.90	939.92
93.0	940.93	941.94	942.95	943.97	944.98	945.99	947.01	948.02	949.03	950.04
94.0	951.06	952.07	953.08	954.09	955.11	956.12	957.13	958.14	959.16	960.17
95.0	961.18	962.20	963.21	964.22	965.23	966.25	967.26	968.27	969.28	970.30
96.0	971.31	972.32	973.33	974.35	975.36	976.37	977.38	978.40	979.41	980.42
97.0	981.44	982.45	983.46	984.47	985.49	986.50	987.51	988.52	989.54	990.55
98.0	991.56	992.57	993.59	994.60	995.61	996.62	997.64	998.65	999.66	1000.68
99.0	1001.69	1002.70	1003.71	1004.73	1005.74	1006.75	1007.76	1008.78	1009.79	1010.80

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 3000 PPM CAL. DATE: 08/30/74 PAGE 1 OF 4

INSTRUMENT: FID-108A TRAIN: 7-M PIC: COKER

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = 0.19980483D+01
A(1) = 0.28711727D+02
A(2) = 0.137997160-01

C38

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	2.0		
9.5	279.0	9.5	276.0	-3.0	-1.074
34.4	1005.0	34.4	1006.0	1.0	0.101
68.0	2018.0	68.0	2018.2	0.2	0.010
92.4	2773.0	92.4	2772.8	-0.2	-0.008

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 3000 PPM CAL. DATE: 08/30/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	2.00	4.87	7.74	10.61	13.48	16.36	19.23	22.10	24.98	27.85
1.0	30.72	33.60	36.47	39.35	42.22	45.10	47.97	50.85	53.72	56.60
2.0	59.48	62.35	65.23	68.11	70.99	73.86	76.74	79.62	82.50	85.38
3.0	88.26	91.14	94.02	96.90	99.78	102.66	105.54	108.42	111.30	114.18
4.0	117.07	119.95	122.83	125.71	128.60	131.48	134.36	137.25	140.13	143.02
5.0	145.90	148.79	151.67	154.56	157.44	160.33	163.22	166.10	168.99	171.88
6.0	174.77	177.65	180.54	183.43	186.32	189.21	192.10	194.99	197.88	200.77
7.0	203.66	206.55	209.44	212.33	215.22	218.11	221.00	223.90	226.79	229.68
8.0	232.58	235.47	238.36	241.26	244.15	247.04	249.94	252.83	255.73	258.63
9.0	261.52	264.42	267.31	270.21	273.11	276.00	278.90	281.80	284.70	287.60
10.0	290.50	293.39	296.29	299.19	302.09	304.99	307.89	310.79	313.69	316.60
11.0	319.50	322.40	325.30	328.20	331.10	334.01	336.91	339.81	342.72	345.62
12.0	348.53	351.43	354.33	357.24	360.15	363.05	365.96	368.86	371.77	374.68
13.0	377.58	380.49	383.40	386.30	389.21	392.12	395.03	397.94	400.85	403.76
14.0	406.67	409.58	412.49	415.40	418.31	421.22	424.13	427.04	429.95	432.87
15.0	435.78	438.69	441.60	444.52	447.43	450.35	453.26	456.17	459.09	462.00
16.0	464.92	467.83	470.75	473.67	476.58	479.50	482.42	485.33	488.25	491.17
17.0	494.09	497.00	499.92	502.84	505.76	508.68	511.60	514.52	517.44	520.36
18.0	523.28	526.20	529.12	532.04	534.97	537.89	540.81	543.73	546.66	549.58
19.0	552.50	555.43	558.35	561.27	564.20	567.12	570.05	572.97	575.90	578.83
20.0	581.75	584.68	587.61	590.53	593.46	596.39	599.32	602.24	605.17	608.10
21.0	611.03	613.96	616.89	619.82	622.75	625.68	628.61	631.54	634.47	637.40
22.0	640.34	643.27	646.20	649.13	652.06	655.00	657.93	660.87	663.80	666.73
23.0	669.67	672.60	675.54	678.47	681.41	684.34	687.28	690.22	693.15	696.09
24.0	699.03	701.97	704.90	707.84	710.78	713.72	716.66	719.60	722.54	725.48
25.0	728.42	731.36	734.30	737.24	740.18	743.12	746.06	749.00	751.95	754.89
26.0	757.83	760.77	763.72	766.66	769.61	772.55	775.49	778.44	781.38	784.33
27.0	787.27	790.22	793.17	796.11	799.06	802.01	804.95	807.90	810.85	813.80
28.0	816.75	819.69	822.64	825.59	828.54	831.49	834.44	837.39	840.34	843.29
29.0	846.24	849.20	852.15	855.10	858.05	861.00	863.96	866.91	869.86	872.82
30.0	875.77	878.72	881.68	884.63	887.59	890.54	893.50	896.45	899.41	902.37
31.0	905.32	908.28	911.24	914.19	917.15	920.11	923.07	926.03	928.99	931.95
32.0	934.90	937.86	940.82	943.78	946.74	949.71	952.67	955.63	958.59	961.55
33.0	964.51	967.48	970.44	973.40	976.36	979.33	982.29	985.26	988.22	991.18
34.0	994.15	997.11	1000.08	1003.05	1006.01	1008.98	1011.94	1014.91	1017.88	1020.85

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 3000 PPM CAL. DATE: 08/30/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	1023.81	1026.78	1029.75	1032.72	1035.69	1038.66	1041.62	1044.59	1047.56	1050.53
36.0	1053.50	1056.48	1059.45	1062.42	1065.39	1068.36	1071.33	1074.31	1077.28	1080.25
37.0	1083.22	1086.20	1089.17	1092.15	1095.12	1098.09	1101.07	1104.04	1107.02	1109.99
38.0	1112.97	1115.95	1118.92	1121.90	1124.88	1127.85	1130.83	1133.81	1136.79	1139.77
39.0	1142.74	1145.72	1148.70	1151.68	1154.66	1157.64	1160.62	1163.60	1166.58	1169.57
40.0	1172.55	1175.53	1178.51	1181.49	1184.48	1187.46	1190.44	1193.42	1196.41	1199.39
41.0	1202.38	1205.36	1208.35	1211.33	1214.32	1217.30	1220.29	1223.27	1226.26	1229.25
42.0	1232.23	1235.22	1238.21	1241.20	1244.18	1247.17	1250.16	1253.15	1256.14	1259.13
43.0	1262.12	1265.11	1268.10	1271.09	1274.08	1277.07	1280.06	1283.05	1286.05	1289.04
44.0	1292.03	1295.02	1298.02	1301.01	1304.00	1307.00	1309.99	1312.99	1315.98	1318.98
45.0	1321.97	1324.97	1327.96	1330.96	1333.95	1336.95	1339.95	1342.94	1345.94	1348.94
46.0	1351.94	1354.94	1357.93	1360.93	1363.93	1366.93	1369.93	1372.93	1375.93	1378.93
47.0	1381.93	1384.93	1387.94	1390.94	1393.94	1396.94	1399.94	1402.95	1405.95	1408.95
48.0	1411.96	1414.96	1417.96	1420.97	1423.97	1426.98	1429.98	1432.99	1435.99	1439.00
49.0	1442.01	1445.01	1448.02	1451.03	1454.03	1457.04	1460.05	1463.06	1466.07	1469.07
50.0	1472.08	1475.09	1478.10	1481.11	1484.12	1487.13	1490.14	1493.15	1496.17	1499.18
51.0	1502.19	1505.20	1508.21	1511.23	1514.24	1517.25	1520.27	1523.28	1526.29	1529.31
52.0	1532.32	1535.34	1538.35	1541.37	1544.38	1547.40	1550.42	1553.43	1556.45	1559.47
53.0	1562.48	1565.50	1568.52	1571.54	1574.56	1577.57	1580.59	1583.61	1586.63	1589.65
54.0	1592.67	1595.69	1598.71	1601.73	1604.75	1607.78	1610.80	1613.82	1616.84	1619.86
55.0	1622.89	1625.91	1628.93	1631.96	1634.98	1638.01	1641.03	1644.05	1647.08	1650.11
56.0	1653.13	1656.16	1659.18	1662.21	1665.24	1668.26	1671.29	1674.32	1677.35	1680.37
57.0	1683.40	1686.43	1689.46	1692.49	1695.52	1698.55	1701.58	1704.61	1707.64	1710.67
58.0	1713.70	1716.73	1719.76	1722.80	1725.83	1728.86	1731.89	1734.93	1737.96	1740.99
59.0	1744.03	1747.06	1750.10	1753.13	1756.17	1759.20	1762.24	1765.27	1768.31	1771.34
60.0	1774.38	1777.42	1780.46	1783.49	1786.53	1789.57	1792.61	1795.65	1798.68	1801.72
61.0	1804.76	1807.80	1810.84	1813.88	1816.92	1819.96	1823.00	1826.05	1829.09	1832.13
62.0	1835.17	1838.21	1841.26	1844.30	1847.34	1850.39	1853.43	1856.47	1859.52	1862.56
63.0	1865.61	1868.65	1871.70	1874.74	1877.79	1880.84	1883.88	1886.93	1889.98	1893.02
64.0	1896.07	1899.12	1902.17	1905.22	1908.27	1911.31	1914.36	1917.41	1920.46	1923.51
65.0	1926.56	1929.62	1932.67	1935.72	1938.77	1941.82	1944.87	1947.93	1950.98	1954.03
66.0	1957.08	1960.14	1963.19	1966.25	1969.30	1972.35	1975.41	1978.46	1981.52	1984.58
67.0	1987.63	1990.69	1993.74	1996.80	1999.86	2002.92	2005.97	2009.03	2012.09	2015.15
68.0	2018.21	2021.26	2024.32	2027.38	2030.44	2033.50	2036.56	2039.62	2042.69	2045.75
69.0	2048.81	2051.87	2054.93	2057.99	2061.06	2064.12	2067.18	2070.25	2073.31	2076.37

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 3000 PPM CAL. DATE: 08/30/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	2079.44	2082.50	2085.57	2088.63	2091.70	2094.76	2097.83	2100.90	2103.96	2107.03
71.0	2110.10	2113.16	2116.23	2119.30	2122.37	2125.43	2128.50	2131.57	2134.64	2137.71
72.0	2140.78	2143.85	2146.92	2149.99	2153.06	2156.13	2159.20	2162.28	2165.35	2168.42
73.0	2171.49	2174.57	2177.64	2180.71	2183.79	2186.86	2189.93	2193.01	2196.08	2199.16
74.0	2202.23	2205.31	2208.38	2211.46	2214.54	2217.61	2220.69	2223.77	2226.85	2229.92
75.0	2233.00	2236.08	2239.16	2242.24	2245.32	2248.40	2251.48	2254.56	2257.64	2260.72
76.0	2263.80	2266.88	2269.96	2273.04	2276.12	2279.21	2282.29	2285.37	2288.45	2291.54
77.0	2294.62	2297.70	2300.79	2303.87	2306.96	2310.04	2313.13	2316.21	2319.30	2322.38
78.0	2325.47	2328.56	2331.64	2334.73	2337.82	2340.91	2343.99	2347.08	2350.17	2353.26
79.0	2356.35	2359.44	2362.53	2365.62	2368.71	2371.80	2374.89	2377.98	2381.07	2384.16
80.0	2387.25	2390.35	2393.44	2396.53	2399.62	2402.72	2405.81	2408.91	2412.00	2415.09
81.0	2418.19	2421.28	2424.38	2427.47	2430.57	2433.67	2436.76	2439.86	2442.96	2446.05
82.0	2449.15	2452.25	2455.34	2458.44	2461.54	2464.64	2467.74	2470.84	2473.94	2477.04
83.0	2480.14	2483.24	2486.34	2489.44	2492.54	2495.64	2498.74	2501.85	2504.95	2508.05
84.0	2511.15	2514.26	2517.36	2520.46	2523.57	2526.67	2529.78	2532.88	2535.99	2539.09
85.0	2542.20	2545.30	2548.41	2551.52	2554.62	2557.73	2560.84	2563.95	2567.05	2570.16
86.0	2573.27	2576.38	2579.49	2582.60	2585.71	2588.82	2591.93	2595.04	2598.15	2601.26
87.0	2604.37	2607.48	2610.59	2613.70	2616.82	2619.93	2623.04	2626.15	2629.27	2632.38
88.0	2635.50	2638.61	2641.72	2644.84	2647.95	2651.07	2654.18	2657.30	2660.42	2663.53
89.0	2666.65	2669.77	2672.88	2676.00	2679.12	2682.24	2685.36	2688.47	2691.59	2694.71
90.0	2697.83	2700.95	2704.07	2707.19	2710.31	2713.43	2716.55	2719.68	2722.80	2725.92
91.0	2729.04	2732.16	2735.29	2738.41	2741.53	2744.66	2747.78	2750.90	2754.03	2757.15
92.0	2760.28	2763.40	2766.53	2769.65	2772.78	2775.91	2779.03	2782.16	2785.29	2788.42
93.0	2791.54	2794.67	2797.80	2800.93	2804.06	2807.19	2810.31	2813.44	2816.57	2819.70
94.0	2822.84	2825.97	2829.10	2832.23	2835.36	2838.49	2841.62	2844.76	2847.89	2851.02
95.0	2854.16	2857.29	2860.42	2863.56	2866.69	2869.83	2872.96	2876.10	2879.23	2882.37
96.0	2885.50	2888.64	2891.78	2894.91	2898.05	2901.19	2904.32	2907.46	2910.60	2913.74
97.0	2916.88	2920.02	2923.16	2926.30	2929.44	2932.58	2935.72	2938.86	2942.00	2945.14
98.0	2948.28	2951.42	2954.56	2957.71	2960.85	2963.99	2967.14	2970.28	2973.42	2976.57
99.0	2979.71	2982.86	2986.00	2989.15	2992.29	2995.44	2998.58	3001.73	3004.87	3008.02

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 08/29/74

INSTRUMENT: AIA-2 TRAIN: 7-M PIC: VALENCIA

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.26271369D-01
A(1) = 0.18332756D+02
A(2) = 0.49846812D-01
A(3) = 0.63699087D-03

C42

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-0.0		
34.8	725.0	34.8	725.2	0.2	0.023
63.2	1519.0	63.2	1518.5	-0.5	-0.033
78.0	2035.0	78.0	2035.5	0.5	0.024
96.0	2783.0	96.0	2782.9	-0.1	-0.004

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-0.03	1.81	3.64	5.48	7.31	9.15	10.99	12.83	14.67	16.51
1.0	18.36	20.20	22.05	23.89	25.74	27.59	29.44	31.29	33.14	34.99
2.0	36.84	38.70	40.55	42.41	44.27	46.13	47.99	49.85	51.71	53.57
3.0	55.44	57.30	59.17	61.04	62.91	64.78	66.65	68.52	70.39	72.27
4.0	74.14	76.02	77.90	79.78	81.66	83.54	85.42	87.30	89.19	91.08
5.0	92.96	94.85	96.74	98.63	100.52	102.42	104.31	106.21	108.10	110.00
6.0	111.90	113.80	115.70	117.61	119.51	121.42	123.32	125.23	127.14	129.05
7.0	130.96	132.88	134.79	136.71	138.62	140.54	142.46	144.38	146.30	148.23
8.0	150.15	152.08	154.01	155.93	157.86	159.79	161.73	163.66	165.60	167.53
9.0	169.47	171.41	173.35	175.29	177.24	179.18	181.13	183.07	185.02	186.97
10.0	188.92	190.88	192.83	194.79	196.74	198.70	200.66	202.62	204.58	206.55
11.0	208.51	210.48	212.45	214.42	216.39	218.36	220.34	222.31	224.29	226.27
12.0	228.25	230.23	232.21	234.19	236.18	238.17	240.15	242.14	244.14	246.13
13.0	248.12	250.12	252.12	254.12	256.12	258.12	260.12	262.13	264.13	266.14
14.0	268.15	270.16	272.17	274.19	276.20	278.22	280.24	282.26	284.28	286.31
15.0	288.33	290.36	292.39	294.42	296.45	298.48	300.51	302.55	304.59	306.63
16.0	308.67	310.71	312.75	314.80	316.85	318.90	320.95	323.00	325.05	327.11
17.0	329.17	331.22	333.29	335.35	337.41	339.48	341.54	343.61	345.68	347.75
18.0	349.83	351.90	353.98	356.06	358.14	360.22	362.31	364.39	366.48	368.57
19.0	370.66	372.75	374.85	376.94	379.04	381.14	383.24	385.34	387.45	389.56
20.0	391.66	393.77	395.89	398.00	400.11	402.23	404.35	406.47	408.59	410.72
21.0	412.84	414.97	417.10	419.23	421.37	423.50	425.64	427.78	429.92	432.06
22.0	434.20	436.35	438.50	440.65	442.80	444.95	447.11	449.26	451.42	453.58
23.0	455.75	457.91	460.08	462.25	464.42	466.59	468.76	470.94	473.12	475.30
24.0	477.48	479.66	481.85	484.03	486.22	488.41	490.61	492.80	495.00	497.20
25.0	499.40	501.60	503.81	506.01	508.22	510.43	512.65	514.86	517.08	519.30
26.0	521.52	523.74	525.96	528.19	530.42	532.65	534.88	537.12	539.35	541.59
27.0	543.83	546.08	548.32	550.57	552.82	555.07	557.32	559.58	561.83	564.09
28.0	566.35	568.62	570.88	573.15	575.42	577.69	579.96	582.24	584.52	586.80
29.0	589.08	591.36	593.65	595.94	598.23	600.52	602.82	605.11	607.41	609.71
30.0	612.02	614.32	616.63	618.94	621.25	623.57	625.88	628.20	630.52	632.84
31.0	635.17	637.50	639.82	642.16	644.49	646.83	649.16	651.50	653.85	656.19
32.0	658.54	660.89	663.24	665.59	667.95	670.31	672.67	675.03	677.39	679.76
33.0	682.13	684.50	686.87	689.25	691.63	694.01	696.39	698.78	701.17	703.55
34.0	705.95	708.34	710.74	713.14	715.54	717.94	720.35	722.76	725.17	727.58

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	729.99	732.41	734.83	737.25	739.68	742.10	744.53	746.97	749.40	751.84
36.0	754.27	756.72	759.16	761.60	764.05	766.50	768.96	771.41	773.87	776.33
37.0	778.79	781.26	783.72	786.19	788.67	791.14	793.62	796.10	798.58	801.06
38.0	803.55	806.04	808.53	811.03	813.52	816.02	818.52	821.03	823.53	826.04
39.0	828.55	831.07	833.58	836.10	838.62	841.15	843.68	846.20	848.74	851.27
40.0	853.81	856.35	858.89	861.43	863.98	866.53	869.08	871.63	874.19	876.75
41.0	879.31	881.88	884.44	887.01	889.58	892.16	894.74	897.32	899.90	902.49
42.0	905.07	907.66	910.26	912.85	915.45	918.05	920.65	923.26	925.87	928.48
43.0	931.09	933.71	936.33	938.95	941.58	944.20	946.83	949.47	952.10	954.74
44.0	957.38	960.02	962.67	965.32	967.97	970.62	973.28	975.94	978.60	981.27
45.0	983.93	986.60	989.28	991.95	994.63	997.31	1000.00	1002.68	1005.37	1008.06
46.0	1010.76	1013.46	1016.16	1018.86	1021.57	1024.27	1026.99	1029.70	1032.42	1035.14
47.0	1037.86	1040.58	1043.31	1046.04	1048.78	1051.51	1054.25	1057.00	1059.74	1062.49
48.0	1065.24	1067.99	1070.75	1073.51	1076.27	1079.04	1081.80	1084.57	1087.35	1090.12
49.0	1092.90	1095.68	1098.47	1101.26	1104.05	1106.84	1109.64	1112.44	1115.24	1118.04
50.0	1120.85	1123.66	1126.48	1129.29	1132.11	1134.94	1137.76	1140.59	1143.42	1146.26
51.0	1149.09	1151.93	1154.78	1157.62	1160.47	1163.32	1166.18	1169.04	1171.90	1174.76
52.0	1177.63	1180.50	1183.37	1186.25	1189.13	1192.01	1194.89	1197.78	1200.67	1203.57
53.0	1206.46	1209.36	1212.27	1215.17	1218.08	1220.99	1223.91	1226.83	1229.75	1232.67
54.0	1235.60	1238.53	1241.46	1244.40	1247.34	1250.28	1253.23	1256.18	1259.13	1262.08
55.0	1265.04	1268.00	1270.97	1273.93	1276.91	1279.88	1282.86	1285.84	1288.82	1291.80
56.0	1294.79	1297.79	1300.78	1303.78	1306.78	1309.79	1312.80	1315.81	1318.82	1321.84
57.0	1324.86	1327.88	1330.91	1333.94	1336.97	1340.01	1343.05	1346.09	1349.14	1352.19
58.0	1355.24	1358.30	1361.36	1364.42	1367.49	1370.56	1373.63	1376.70	1379.78	1382.86
59.0	1385.95	1389.04	1392.13	1395.22	1398.32	1401.42	1404.53	1407.63	1410.75	1413.86
60.0	1416.98	1420.10	1423.22	1426.35	1429.48	1432.62	1435.75	1438.89	1442.04	1445.19
61.0	1448.34	1451.49	1454.65	1457.81	1460.97	1464.14	1467.31	1470.49	1473.66	1476.84
62.0	1480.03	1483.22	1486.41	1489.60	1492.80	1496.00	1499.21	1502.41	1505.62	1508.84
63.0	1512.06	1515.28	1518.50	1521.73	1524.96	1528.20	1531.44	1534.68	1537.93	1541.17
64.0	1544.43	1547.68	1550.94	1554.20	1557.47	1560.74	1564.01	1567.29	1570.57	1573.85
65.0	1577.14	1580.43	1583.72	1587.02	1590.32	1593.63	1596.93	1600.25	1603.56	1606.88
66.0	1610.20	1613.53	1616.86	1620.19	1623.52	1626.86	1630.21	1633.55	1636.90	1640.26
67.0	1643.61	1646.98	1650.34	1653.71	1657.08	1660.45	1663.83	1667.22	1670.60	1673.99
68.0	1677.38	1680.78	1684.18	1687.58	1690.99	1694.40	1697.82	1701.24	1704.66	1708.08
69.0	1711.51	1714.95	1718.38	1721.82	1725.27	1728.71	1732.16	1735.62	1739.08	1742.54

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	1746.00	1749.47	1752.95	1756.42	1759.90	1763.39	1766.88	1770.37	1773.86	1777.36
71.0	1780.86	1784.37	1787.88	1791.39	1794.91	1798.43	1801.96	1805.49	1809.02	1812.55
72.0	1816.09	1819.64	1823.19	1826.74	1830.29	1833.85	1837.41	1840.98	1844.55	1848.12
73.0	1851.70	1855.28	1858.87	1862.45	1866.05	1869.64	1873.24	1876.85	1880.46	1884.07
74.0	1887.68	1891.30	1894.93	1898.55	1902.18	1905.82	1909.46	1913.10	1916.75	1920.40
75.0	1924.05	1927.71	1931.37	1935.03	1938.70	1942.38	1946.05	1949.74	1953.42	1957.11
76.0	1960.80	1964.50	1968.20	1971.90	[illegible]	1979.33	1983.04	1986.76	1990.49	1994.21
77.0	1997.95	2001.68	2005.42	2009.17	[illegible]	2016.66	2020.42	2024.18	2027.94	2031.71
78.0	2035.48	2039.26	2043.04	2046.82	[illegible]	2054.40	2058.20	2061.99	2065.80	2069.61
79.0	2073.42	2077.23	2081.05	2084.88	2088.70	2092.54	2096.37	2100.21	2104.05	2107.90
80.0	2111.75	2115.61	2119.47	2123.33	2127.20	2131.07	2134.95	2138.83	2142.71	2146.60
81.0	2150.50	2154.39	2158.29	2162.20	2166.11	2170.02	2173.94	2177.86	2181.78	2185.71
82.0	2189.65	2193.58	2197.53	2201.47	2205.42	2209.38	2213.34	2217.30	2221.26	2225.24
83.0	2229.21	2233.19	2237.17	2241.16	2245.15	2249.15	2253.15	2257.15	2261.16	2265.18
84.0	2269.19	2273.21	2277.24	2281.27	2285.30	2289.34	2293.38	2297.43	2301.48	2305.53
85.0	2309.59	2313.66	2317.73	2321.80	2325.87	2329.95	2334.04	2338.13	2342.22	2346.32
86.0	2350.42	2354.53	2358.64	2362.75	2366.87	2370.99	2375.12	2379.25	2383.39	2387.53
87.0	2391.68	2395.82	2399.98	2404.14	2408.30	2412.46	2416.64	2420.81	2424.99	2429.17
88.0	2433.36	2437.55	2441.75	2445.95	2450.16	2454.37	2458.58	2462.80	2467.03	2471.25
89.0	2475.49	2479.72	2483.96	2488.21	2492.46	2496.71	2500.97	2505.23	2509.50	2513.77
90.0	2518.05	2522.33	2526.61	2530.90	2535.20	2539.50	2543.80	2548.11	2552.42	2556.73
91.0	2561.05	2565.38	2569.71	2574.04	2578.38	2582.73	2587.07	2591.43	2595.78	2600.14
92.0	2604.51	2608.88	2613.25	2617.63	2622.02	2626.40	2630.80	2635.19	2639.60	2644.00
93.0	2648.41	2652.83	2657.25	2661.67	2666.10	2670.54	2674.98	2679.42	2683.87	2688.32
94.0	2692.77	2697.24	2701.70	2706.17	2710.65	2715.13	2719.61	2724.10	2728.59	2733.09
95.0	2737.59	2742.10	2746.61	2751.13	2755.65	2760.18	2764.71	2769.24	2773.78	2778.33
96.0	2782.88	2787.43	2791.99	2796.55	2801.12	2805.69	2810.27	2814.85	2819.44	2824.03
97.0	2828.62	2833.23	2837.83	2842.44	2847.06	2851.69	2856.30	2860.93	2865.56	2870.20
98.0	2874.84	2879.49	2884.15	2888.80	2893.46	2898.13	2902.80	2907.48	2912.16	2916.85
99.0	2921.54	2926.23	2930.93	2935.64	2940.35	2945.06	2949.78	2954.51	2959.24	2963.97

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - **10 %** CAL. DATE: 08/29/74 PAGE 1 OF 4

INSTRUMENT: AIA-2 TRAIN: 7-M PIC: VALENCIA

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.21839004D+02
A(1) = 0.64727062D+03
A(2) = -0.10820885D+02
A(3) = 0.18652023D+00

C46

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-21.8		
22.5	11000.0	22.5	11188.3	188.3	1.711
33.3	16700.0	33.3	16420.6	-279.4	-1.673
51.8	30200.0	51.8	30396.5	196.5	0.651
61.2	41900.0	61.2	41816.5	-83.5	-0.199

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - "10 %" CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-21.84	42.78	107.18	171.37	235.35	299.11	362.67	426.01	489.15	552.08
1.0	614.80	677.31	739.63	801.74	863.64	925.35	986.86	1048.17	1109.28	1170.19
2.0	1230.91	1291.44	1351.77	1411.91	1471.86	1531.62	1591.19	1650.58	1709.78	1768.79
3.0	1827.62	1886.27	1944.73	2003.02	2061.12	2119.05	2176.80	2234.37	2291.77	2349.00
4.0	2406.05	2462.93	2519.64	2576.18	2632.55	2688.75	2744.79	2800.67	2856.37	2911.92
5.0	2967.31	3022.53	3077.60	3132.51	3187.26	3241.85	3296.29	3350.58	3404.71	3458.69
6.0	3512.52	3566.20	3619.74	3673.12	3726.37	3779.46	3832.41	3885.22	3937.89	3990.42
7.0	4042.81	4095.06	4147.17	4199.15	4250.99	4302.70	4354.28	4405.73	4457.04	4508.23
8.0	4559.29	4610.22	4661.02	4711.71	4762.26	4812.70	4863.01	4913.21	4963.28	5013.24
9.0	5063.08	5112.80	5162.41	5211.91	5261.29	5310.56	5359.73	5408.78	5457.73	5506.57
10.0	5555.30	5603.93	5652.45	5700.87	5749.20	5797.42	5845.54	5893.57	5941.50	5989.33
11.0	6037.07	6084.71	6132.27	6179.73	6227.10	6274.38	6321.58	6368.69	6415.71	6462.65
12.0	6509.51	6556.28	6602.97	6649.59	6696.12	6742.58	6788.96	6835.26	6881.49	6927.65
13.0	6973.73	7019.75	7065.69	7111.57	7157.37	7203.12	7248.79	7294.41	7339.95	7385.44
14.0	7430.87	7476.23	7521.54	7566.79	7611.98	7657.12	7702.21	7747.24	7792.22	7837.15
15.0	7882.03	7926.86	7971.64	8016.37	8061.07	8105.71	8150.32	8194.88	8239.41	8283.89
16.0	8328.33	8372.74	8417.11	8461.44	8505.74	8550.01	8594.25	8638.45	8682.63	8726.78
17.0	8770.90	8814.99	8859.06	8903.11	8947.13	8991.13	9035.11	9079.07	9123.02	9166.94
18.0	9210.85	9254.75	9298.62	9342.49	9386.35	9430.20	9474.03	9517.86	9561.68	9605.50
19.0	9649.30	9693.11	9736.91	9780.72	9824.52	9868.32	9912.12	9955.93	9999.74	10043.56
20.0	10087.38	10131.21	10175.05	10218.90	10262.76	10306.63	10350.51	10394.41	10438.32	10482.25
21.0	10526.20	10570.16	10614.15	10658.16	10702.18	10746.23	10790.31	10834.41	10878.54	10922.69
22.0	10966.87	11011.09	11055.33	11099.61	11143.92	11188.26	11232.64	11277.05	11321.51	11366.00
23.0	11410.53	11455.10	11499.71	11544.37	11589.08	11633.82	11678.62	11723.46	11768.35	11813.29
24.0	11858.28	11903.33	11948.42	11993.57	12038.78	12084.05	12129.37	12174.75	12220.19	12265.69
25.0	12311.25	12356.88	12402.57	12448.33	12494.15	12540.04	12586.00	12632.04	12678.14	12724.31
26.0	12770.56	12816.88	12863.28	12909.75	12956.31	13002.94	13049.65	13096.45	13143.32	13190.28
27.0	13237.32	13284.45	13331.67	13378.97	13426.36	13473.85	13521.42	13569.09	13616.85	13664.71
28.0	13712.66	13760.71	13808.85	13857.10	13905.45	13953.89	14002.44	14051.09	14099.85	14148.72
29.0	14197.69	14246.77	14295.96	14345.25	14394.66	14444.19	14493.82	14543.58	14593.45	14643.43
30.0	14693.53	14743.75	14794.10	14844.56	14895.15	14945.86	14996.69	15047.65	15098.74	15149.96
31.0	15201.30	15252.78	15304.39	15356.13	15408.01	15460.02	15512.16	15564.45	15616.87	15669.43
32.0	15722.13	15774.98	15827.96	15881.09	15934.37	15987.79	16041.36	16095.07	16148.94	16202.96
33.0	16257.13	16311.45	16365.93	16420.56	16475.34	16530.29	16585.39	16640.66	16696.08	16751.66
34.0	16807.41	16863.32	16919.40	16975.65	17032.06	17088.64	17145.39	17202.31	17259.40	17316.67

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - **10 %** CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	17374.11	17431.72	17489.51	17547.48	17605.63	17663.96	17722.46	17781.16	17840.03	17899.09
36.0	17958.33	18017.76	18077.37	18137.18	18197.18	18257.36	18317.74	18378.31	18439.08	18500.04
37.0	18561.20	18622.55	18684.11	18745.86	18807.81	18869.97	18932.33	18994.90	19057.67	19120.64
38.0	19183.83	19247.22	19310.82	19374.64	19438.67	19502.91	19567.36	19632.03	19696.92	19762.02
39.0	19827.35	19892.89	19958.66	20024.64	20090.85	20157.29	20223.95	20290.84	20357.95	20425.30
40.0	20492.87	20560.68	20628.71	20696.98	20765.49	20834.23	20903.21	20972.43	21041.88	21111.58
41.0	21181.52	21251.70	21322.12	21392.79	21463.70	21534.86	21606.27	21677.93	21749.83	21821.99
42.0	21894.40	21967.07	22039.99	22113.16	22186.60	22260.29	22334.24	22408.45	22482.92	22557.65
43.0	22632.65	22707.91	22783.44	22859.24	22935.30	23011.64	23088.24	23165.11	23242.26	23319.68
44.0	23397.38	23475.35	23553.60	23632.13	23710.94	23790.03	23869.39	23949.05	24028.98	24109.20
45.0	24189.71	24270.50	24351.59	24432.96	24514.62	24596.57	24678.82	24761.36	24844.20	24927.33
46.0	25010.76	25094.48	25178.51	25262.84	25347.47	25432.40	25517.64	25603.18	25689.03	25775.18
47.0	25861.64	25948.42	26035.50	26122.89	26210.60	26298.62	26386.96	26475.62	26564.59	26653.87
48.0	26743.48	26833.41	26923.67	27014.24	27105.14	27196.37	27287.92	27379.79	27472.00	27564.54
49.0	27657.41	27750.61	27844.14	27938.00	28032.20	28126.74	28221.62	28316.83	28412.39	28508.28
50.0	28604.52	28701.10	28798.02	28895.29	28992.91	29090.87	29189.19	29287.85	29386.86	29486.23
51.0	29585.95	29686.02	29786.45	29887.23	29988.37	30089.88	30191.74	30293.96	30396.55	30499.50
52.0	30602.81	30706.48	30810.53	30914.95	31019.73	31124.87	31230.40	31336.29	31442.56	31549.20
53.0	31656.22	31763.62	31871.39	31979.54	32088.07	32196.99	32306.28	32415.96	32526.02	32636.47
54.0	32747.31	32858.53	32970.14	33082.15	33194.54	33307.33	33420.51	33534.08	33648.05	33762.42
55.0	33877.18	33992.35	34107.91	34223.88	34340.25	34457.02	34574.20	34691.78	34809.77	34928.16
56.0	35046.97	35166.19	35285.82	35405.86	35526.31	35647.18	35768.46	35890.17	36012.29	36134.83
57.0	36257.79	36381.17	36504.97	36629.20	36753.85	36878.93	37004.44	37130.37	37256.73	37383.53
58.0	37510.75	37638.41	37766.50	37895.03	38023.99	38153.39	38283.23	38413.50	38544.22	38675.38
59.0	38806.98	38939.03	39071.52	39204.46	39337.84	39471.67	39605.96	39740.69	39875.87	40011.51
60.0	40147.60	40284.14	40421.15	40558.61	40696.53	40834.90	40973.74	41113.04	41252.80	41393.03
61.0	41533.72	41674.88	41816.51	41958.60	42101.16	42244.20	42387.71	42531.68	42676.14	42821.07
62.0	42966.47	43112.36	43258.71	43405.55	43552.87	43700.68	43848.96	43997.73	44146.99	44296.73
63.0	44446.96	44597.68	44748.89	44900.59	45052.78	45205.46	45358.64	45512.31	45666.48	45821.15
64.0	45976.32	46131.98	46288.15	46444.82	46601.99	46759.67	46917.85	47076.54	47235.73	47395.44
65.0	47555.65	47716.38	47877.62	48039.37	48201.63	48364.41	48527.71	48691.53	48855.86	49020.71
66.0	49186.09	49351.99	49518.41	49685.36	49852.82	50020.82	50189.35	50358.40	50527.99	50698.10
67.0	50868.75	51039.93	51211.65	51383.90	51556.69	51730.01	51903.87	52078.28	52253.23	52428.71
68.0	52604.75	52781.32	52958.45	53136.12	53314.33	53493.10	53672.41	53852.28	54032.70	54213.68
69.0	54395.20	54577.29	54759.93	54943.13	55126.89	55311.20	55496.08	55681.52	55867.53	56054.10

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - **10 X** CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	56241.24	56428.94	56617.21	56806.05	56995.46	57185.45	57376.00	57567.13	57758.83	57951.11
71.0	58143.97	58337.40	58531.41	58726.01	58921.19	59116.95	59313.29	59510.21	59707.73	59905.82
72.0	60104.52	60303.79	60503.66	60704.12	60905.17	61106.82	61309.06	61511.89	61715.33	61919.36
73.0	62124.00	62329.23	62535.06	62741.50	62948.54	63156.19	63364.44	63573.30	63782.77	63992.84
74.0	64203.53	64414.83	64626.74	64839.27	65052.41	65266.17	65480.54	65695.50	65911.12	66127.37
75.0	66344.19	66561.69	66779.81	66998.50	67217.87	67437.87	67658.44	67879.69	68101.56	68324.06
76.0	68547.19	68771.00	68995.37	69220.44	69446.12	69672.44	69899.37	70127.00	70355.19	70584.12
77.0	70813.62	71043.81	71274.62	71506.06	71738.19	71970.94	72204.37	72438.44	72673.19	72908.56
78.0	73144.56	73381.25	73618.62	73856.62	74095.25	74334.56	74574.56	74815.25	75056.56	75298.50
79.0	75541.19	75784.50	76028.44	76273.12	76518.44	76764.44	77011.06	77258.44	77506.44	77755.12
80.0	78004.50	78254.56	78505.31	78756.69	79008.81	79261.56	79515.06	79769.19	80024.06	80279.56
81.0	80535.75	80792.69	81050.25	81308.56	81567.56	81827.19	82087.56	82348.62	82610.37	82872.87
82.0	83136.00	83399.87	83664.44	83929.75	84195.69	84462.37	84729.75	84997.87	85266.69	85536.19
83.0	85806.44	86077.37	86349.00	86621.37	86894.44	87168.25	87442.75	87718.00	87993.94	88270.62
84.0	88548.06	88826.19	89105.00	89384.56	89664.87	89945.94	90227.69	90510.19	90793.37	91077.37
85.0	91362.06	91647.44	91933.62	92220.50	92508.12	92796.50	93085.62	93375.50	93666.06	93957.44
86.0	94249.50	94542.31	94835.94	95130.25	95425.31	95721.12	96017.75	96315.06	96613.12	96912.00
87.0	97211.56	97511.94	97813.06	98114.94	98417.56	98720.94	99025.12	99330.06	99635.75	99942.19
88.0	100249.37	100557.37	100866.12	101175.69	101485.94	101797.06	102108.87	102421.50	102734.87	103049.06
89.0	103364.06	103679.75	103996.31	104313.56	104631.69	104950.50	105270.19	105590.62	105911.81	106233.81
90.0	106556.62	106880.25	107204.62	107529.81	107855.75	108182.50	108510.06	108838.44	109167.62	109497.56
91.0	109828.31	110159.87	110492.25	110825.44	111159.37	111494.19	111829.75	112166.12	112503.37	112841.37
92.0	113180.19	113519.81	113860.31	114201.56	114543.62	114886.56	115230.31	115574.81	115920.19	116266.37
93.0	116613.37	116961.25	117309.87	117659.37	118009.69	118360.81	118712.81	119065.62	119419.25	119773.75
94.0	120129.00	120485.19	120842.12	121199.94	121558.62	121918.12	122278.44	122639.62	123001.62	123364.50
95.0	123728.19	124092.75	124458.19	124824.44	125191.56	125559.50	125928.31	126297.94	126668.50	127039.87
96.0	127412.06	127785.19	128159.12	128533.94	128909.56	129286.12	129663.50	130041.75	130420.87	130800.87
97.0	131181.75	131563.44	131946.06	132329.56	132713.87	133099.06	133485.19	133872.12	134260.00	134648.69
98.0	135038.31	135428.81	135820.12	136212.37	136605.50	136999.56	137394.44	137790.25	138186.87	138584.44
99.0	138982.94	139382.25	139782.50	140183.62	140585.69	140988.56	141392.37	141797.12	142202.75	142609.25

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 15% CAL. DATE: 08/29/74 PAGE 1 OF 4

INSTRUMENT: AIA-2 TRAIN: 7-M PIC: VALENCIA

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.689492950-02
A(1) = 0.959605300-01
A(2) = 0.592377530-03

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CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-0.0		
34.8	4.0	34.8	4.0	0.0	0.996
55.5	7.2	55.5	7.1	-0.1	-0.784
83.0	12.0	83.0	12.0	0.0	0.323
96.0	14.7	96.0	14.7	-0.0	-0.104

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 15% CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-0.01	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08
1.0	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18
2.0	0.19	0.20	0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28
3.0	0.29	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38
4.0	0.39	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48
5.0	0.49	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.57	0.58
6.0	0.59	0.60	0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.68
7.0	0.69	0.70	0.71	0.73	0.74	0.75	0.76	0.77	0.78	0.79
8.0	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89
9.0	0.90	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00
10.0	1.01	1.02	1.03	1.04	1.06	1.07	1.08	1.09	1.10	1.11
11.0	1.12	1.13	1.14	1.15	1.16	1.17	1.19	1.20	1.21	1.22
12.0	1.23	1.24	1.25	1.26	1.27	1.29	1.30	1.31	1.32	1.33
13.0	1.34	1.35	1.36	1.37	1.39	1.40	1.41	1.42	1.43	1.44
14.0	1.45	1.46	1.48	1.49	1.50	1.51	1.52	1.53	1.54	1.55
15.0	1.57	1.58	1.59	1.60	1.61	1.62	1.63	1.65	1.66	1.67
16.0	1.68	1.69	1.70	1.71	1.73	1.74	1.75	1.76	1.77	1.78
17.0	1.80	1.81	1.82	1.83	1.84	1.85	1.87	1.88	1.89	1.90
18.0	1.91	1.92	1.94	1.95	1.96	1.97	1.98	1.99	2.01	2.02
19.0	2.03	2.04	2.05	2.07	2.08	2.09	2.10	2.11	2.13	2.14
20.0	2.15	2.16	2.17	2.19	2.20	2.21	2.22	2.23	2.25	2.26
21.0	2.27	2.28	2.29	2.31	2.32	2.33	2.34	2.35	2.37	2.38
22.0	2.39	2.40	2.42	2.43	2.44	2.45	2.46	2.48	2.49	2.50
23.0	2.51	2.53	2.54	2.55	2.56	2.58	2.59	2.60	2.61	2.62
24.0	2.64	2.65	2.66	2.67	2.69	2.70	2.71	2.72	2.74	2.75
25.0	2.76	2.77	2.79	2.80	2.81	2.83	2.84	2.85	2.86	2.88
26.0	2.89	2.90	2.91	2.93	2.94	2.95	2.96	2.98	2.99	3.00
27.0	3.02	3.03	3.04	3.05	3.07	3.08	3.09	3.11	3.12	3.13
28.0	3.14	3.16	3.17	3.18	3.20	3.21	3.22	3.24	3.25	3.26
29.0	3.27	3.29	3.30	3.31	3.33	3.34	3.35	3.37	3.38	3.39
30.0	3.41	3.42	3.43	3.44	3.46	3.47	3.48	3.50	3.51	3.52
31.0	3.54	3.55	3.56	3.58	3.59	3.60	3.62	3.63	3.64	3.66
32.0	3.67	3.68	3.70	3.71	3.72	3.74	3.75	3.76	3.78	3.79
33.0	3.80	3.82	3.83	3.85	3.86	3.87	3.89	3.90	3.91	3.93
34.0	3.94	3.95	3.97	3.98	4.00	4.01	4.02	4.04	4.05	4.06

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 15% CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	4.08	4.09	4.10	4.12	4.13	4.15	4.16	4.17	4.19	4.20
36.0	4.22	4.23	4.24	4.26	4.27	4.28	4.30	4.31	4.33	4.34
37.0	4.35	4.37	4.38	4.40	4.41	4.42	4.44	4.45	4.47	4.48
38.0	4.49	4.51	4.52	4.54	4.55	4.57	4.58	4.59	4.61	4.62
39.0	4.64	4.65	4.67	4.68	4.69	4.71	4.72	4.74	4.75	4.77
40.0	4.78	4.79	4.81	4.82	4.84	4.85	4.87	4.88	4.89	4.91
41.0	4.92	4.94	4.95	4.97	4.98	5.00	5.01	5.02	5.04	5.05
42.0	5.07	5.08	5.10	5.11	5.13	5.14	5.16	5.17	5.19	5.20
43.0	5.21	5.23	5.24	5.26	5.27	5.29	5.30	5.32	5.33	5.35
44.0	5.36	5.38	5.39	5.41	5.42	5.44	5.45	5.47	5.48	5.50
45.0	5.51	5.53	5.54	5.56	5.57	5.59	5.60	5.62	5.63	5.65
46.0	5.66	5.68	5.69	5.71	5.72	5.74	5.75	5.77	5.78	5.80
47.0	5.81	5.83	5.84	5.86	5.87	5.89	5.90	5.92	5.93	5.95
48.0	5.96	5.98	5.99	6.01	6.03	6.04	6.06	6.07	6.09	6.10
49.0	6.12	6.13	6.15	6.16	6.18	6.19	6.21	6.23	6.24	6.26
50.0	6.27	6.29	6.30	6.32	6.33	6.35	6.37	6.38	6.40	6.41
51.0	6.43	6.44	6.46	6.47	6.49	6.51	6.52	6.54	6.55	6.57
52.0	6.58	6.60	6.62	6.63	6.65	6.66	6.68	6.70	6.71	6.73
53.0	6.74	6.76	6.77	6.79	6.81	6.82	6.84	6.85	6.87	6.89
54.0	6.90	6.92	6.93	6.95	6.97	6.98	7.00	7.01	7.03	7.05
55.0	7.06	7.08	7.10	7.11	7.13	7.14	7.16	7.18	7.19	7.21
56.0	7.22	7.24	7.26	7.27	7.29	7.31	7.32	7.34	7.35	7.37
57.0	7.39	7.40	7.42	7.44	7.45	7.47	7.49	7.50	7.52	7.54
58.0	7.55	7.57	7.58	7.60	7.62	7.63	7.65	7.67	7.68	7.70
59.0	7.72	7.73	7.75	7.77	7.78	7.80	7.82	7.83	7.85	7.87
60.0	7.88	7.90	7.92	7.93	7.95	7.97	7.98	8.00	8.02	8.03
61.0	8.05	8.07	8.08	8.10	8.12	8.14	8.15	8.17	8.19	8.20
62.0	8.22	8.24	8.25	8.27	8.29	8.30	8.32	8.34	8.36	8.37
63.0	8.39	8.41	8.42	8.44	8.46	8.48	8.49	8.51	8.53	8.54
64.0	8.56	8.58	8.60	8.61	8.63	8.65	8.66	8.68	8.70	8.72
65.0	8.73	8.75	8.77	8.79	8.80	8.82	8.84	8.85	8.87	8.89
66.0	8.91	8.92	8.94	8.96	8.98	8.99	9.01	9.03	9.05	9.06
67.0	9.08	9.10	9.12	9.13	9.15	9.17	9.19	9.20	9.22	9.24
68.0	9.26	9.28	9.29	9.31	9.33	9.35	9.36	9.38	9.40	9.42
69.0	9.43	9.45	9.47	9.49	9.51	9.52	9.54	9.56	9.58	9.60

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 15% CAL. DATE: 08/29/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	9.61	9.63	9.65	9.67	9.68	9.70	9.72	9.74	9.76	9.77
71.0	9.79	9.81	9.83	9.85	9.86	9.88	9.90	9.92	9.94	9.96
72.0	9.97	9.99	10.01	10.03	10.05	10.06	10.08	10.10	10.12	10.14
73.0	10.16	10.17	10.19	10.21	10.23	10.25	10.26	10.28	10.30	10.32
74.0	10.34	10.36	10.37	10.39	10.41	10.43	10.45	10.47	10.49	10.50
75.0	10.52	10.54	10.56	10.58	10.60	10.61	10.63	10.65	10.67	10.69
76.0	10.71	10.73	10.74	10.76	10.78	10.80	10.82	10.84	10.86	10.88
77.0	10.89	10.91	10.93	10.95	10.97	10.99	11.01	11.03	11.04	11.06
78.0	11.08	11.10	11.12	11.14	11.16	11.18	11.20	11.21	11.23	11.25
79.0	11.27	11.29	11.31	11.33	11.35	11.37	11.38	11.40	11.42	11.44
80.0	11.46	11.48	11.50	11.52	11.54	11.56	11.58	11.59	11.61	11.63
81.0	11.65	11.67	11.69	11.71	11.73	11.75	11.77	11.79	11.81	11.83
82.0	11.85	11.86	11.88	11.90	11.92	11.94	11.96	11.98	12.00	12.02
83.0	12.04	12.06	12.08	12.10	12.12	12.14	12.16	12.18	12.19	12.21
84.0	12.23	12.25	12.27	12.29	12.31	12.33	12.35	12.37	12.39	12.41
85.0	12.43	12.45	12.47	12.49	12.51	12.53	12.55	12.57	12.59	12.61
86.0	12.63	12.65	12.67	12.69	12.71	12.73	12.75	12.77	12.79	12.81
87.0	12.83	12.85	12.87	12.89	12.91	12.93	12.95	12.96	12.98	13.00
88.0	13.03	13.05	13.07	13.09	13.11	13.13	13.15	13.17	13.19	13.21
89.0	13.23	13.25	13.27	13.29	13.31	13.33	13.35	13.37	13.39	13.41
90.0	13.43	13.45	13.47	13.49	13.51	13.53	13.55	13.57	13.59	13.61
91.0	13.63	13.65	13.67	13.69	13.71	13.73	13.75	13.77	13.79	13.81
92.0	13.84	13.86	13.88	13.90	13.92	13.94	13.96	13.98	14.00	14.02
93.0	14.04	14.06	14.08	14.10	14.12	14.14	14.16	14.19	14.21	14.23
94.0	14.25	14.27	14.29	14.31	14.33	14.35	14.37	14.39	14.41	14.43
95.0	14.46	14.48	14.50	14.52	14.54	14.56	14.58	14.60	14.62	14.64
96.0	14.66	14.69	14.71	14.73	14.75	14.77	14.79	14.81	14.83	14.85
97.0	14.87	14.90	14.92	14.94	14.96	14.98	15.00	15.02	15.04	15.07
98.0	15.09	15.11	15.13	15.15	15.17	15.19	15.21	15.24	15.26	15.28
99.0	15.30	15.32	15.34	15.36	15.38	15.41	15.43	15.45	15.47	15.49

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 1000 PPM CAL. DATE: 09/06/74

INSTRUMENT: TECO-CL TRAIN: 7-M PIC: VALENCIA

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = 0.214790500+01
A(1) = 0.994153220+01

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CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	2.1		
23.0	234.0	23.0	230.8	-3.2	-1.366
61.8	618.0	61.8	616.5	-1.5	-0.237
86.4	854.0	86.4	861.1	7.1	0.831
98.0	981.0	98.0	976.4	-4.6	-0.467

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 1000 PPM CAL. DATE: 09/06/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	2.15	3.14	4.14	5.13	6.12	7.12	8.11	9.11	10.10	11.10
1.0	12.09	13.08	14.08	15.07	16.07	17.06	18.05	19.05	20.04	21.04
2.0	22.03	23.03	24.02	25.01	26.01	27.00	28.00	28.99	29.98	30.98
3.0	31.97	32.97	33.96	34.95	35.95	36.94	37.94	38.93	39.93	40.92
4.0	41.91	42.91	43.90	44.90	45.89	46.88	47.88	48.87	49.87	50.86
5.0	51.86	52.85	53.84	54.84	55.83	56.83	57.82	58.81	59.81	60.80
6.0	61.80	62.79	63.79	64.78	65.77	66.77	67.76	68.76	69.75	70.74
7.0	71.74	72.73	73.73	74.72	75.72	76.71	77.70	78.70	79.69	80.69
8.0	81.68	82.67	83.67	84.66	85.66	86.65	87.65	88.64	89.63	90.63
9.0	91.62	92.62	93.61	94.60	95.60	96.59	97.59	98.58	99.57	100.57
10.0	101.56	102.56	103.55	104.55	105.54	106.53	107.53	108.52	109.52	110.51
11.0	111.50	112.50	113.49	114.49	115.48	116.48	117.47	118.46	119.46	120.45
12.0	121.45	122.44	123.43	124.43	125.42	126.42	127.41	128.41	129.40	130.39
13.0	131.39	132.38	133.38	134.37	135.36	136.36	137.35	138.35	139.34	140.34
14.0	141.33	142.32	143.32	144.31	145.31	146.30	147.29	148.29	149.28	150.28
15.0	151.27	152.27	153.26	154.25	155.25	156.24	157.24	158.23	159.22	160.22
16.0	161.21	162.21	163.20	164.19	165.19	166.18	167.18	168.17	169.17	170.16
17.0	171.15	172.15	173.14	174.14	175.13	176.12	177.12	178.11	179.11	180.10
18.0	181.10	182.09	183.08	184.08	185.07	186.07	187.06	188.05	189.05	190.04
19.0	191.04	192.03	193.03	194.02	195.01	196.01	197.00	198.00	198.99	199.98
20.0	200.98	201.97	202.97	203.96	204.96	205.95	206.94	207.94	208.93	209.93
21.0	210.92	211.91	212.91	213.90	214.90	215.89	216.89	217.88	218.87	219.87
22.0	220.86	221.86	222.85	223.84	224.84	225.83	226.83	227.82	228.81	229.81
23.0	230.80	231.80	232.79	233.79	234.78	235.77	236.77	237.76	238.76	239.75
24.0	240.74	241.74	242.73	243.73	244.72	245.72	246.71	247.70	248.70	249.69
25.0	250.69	251.68	252.67	253.67	254.66	255.66	256.65	257.65	258.64	259.63
26.0	260.63	261.62	262.62	263.61	264.60	265.60	266.59	267.59	268.58	269.57
27.0	270.57	271.56	272.56	273.55	274.55	275.54	276.53	277.53	278.52	279.52
28.0	280.51	281.50	282.50	283.49	284.49	285.48	286.48	287.47	288.46	289.46
29.0	290.45	291.45	292.44	293.43	294.43	295.42	296.42	297.41	298.41	299.40
30.0	300.39	301.39	302.38	303.38	304.37	305.36	306.36	307.35	308.35	309.34
31.0	310.34	311.33	312.32	313.32	314.31	315.31	316.30	317.29	318.29	319.28
32.0	320.28	321.27	322.27	323.26	324.25	325.25	326.24	327.24	328.23	329.22
33.0	330.22	331.21	332.21	333.20	334.20	335.19	336.18	337.18	338.17	339.17
34.0	340.16	341.15	342.15	343.14	344.14	345.13	346.12	347.12	348.11	349.11

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 1000 PPM CAL. DATE: 09/06/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	350.10	351.10	352.09	353.08	354.08	355.07	356.07	357.06	358.05	359.05
36.0	360.04	361.04	362.03	363.03	364.02	365.01	366.01	367.00	368.00	368.99
37.0	369.98	370.98	371.97	372.97	373.96	374.96	375.95	376.94	377.94	378.93
38.0	379.93	380.92	381.91	382.91	383.90	384.90	385.89	386.89	387.88	388.87
39.0	389.87	390.86	391.86	392.85	393.84	394.84	395.83	396.83	397.82	398.81
40.0	399.81	400.80	401.80	402.79	403.79	404.78	405.77	406.77	407.76	408.76
41.0	409.75	410.74	411.74	412.73	413.73	414.72	415.72	416.71	417.70	418.70
42.0	419.69	420.69	421.68	422.67	423.67	424.66	425.66	426.65	427.65	428.64
43.0	429.63	430.63	431.62	432.62	433.61	434.60	435.60	436.59	437.59	438.58
44.0	439.58	440.57	441.56	442.56	443.55	444.55	445.54	446.53	447.53	448.52
45.0	449.52	450.51	451.51	452.50	453.49	454.49	455.48	456.48	457.47	458.46
46.0	459.46	460.45	461.45	462.44	463.44	464.43	465.42	466.42	467.41	468.41
47.0	469.40	470.39	471.39	472.38	473.38	474.37	475.36	476.36	477.35	478.35
48.0	479.34	480.34	481.33	482.32	483.32	484.31	485.31	486.30	487.29	488.29
49.0	489.28	490.28	491.27	492.27	493.26	494.25	495.25	496.24	497.24	498.23
50.0	499.22	500.22	501.21	502.21	503.20	504.20	505.19	506.18	507.18	508.17
51.0	509.17	510.16	511.15	512.15	513.14	514.14	515.13	516.12	517.12	518.11
52.0	519.11	520.10	521.10	522.09	523.08	524.08	525.07	526.07	527.06	528.05
53.0	529.05	530.04	531.04	532.03	533.03	534.02	535.01	536.01	537.00	538.00
54.0	538.99	539.98	540.98	541.97	542.97	543.96	544.96	545.95	546.94	547.94
55.0	548.93	549.93	550.92	551.91	552.91	553.90	554.90	555.89	556.89	557.88
56.0	558.87	559.87	560.86	561.86	562.85	563.84	564.84	565.83	566.83	567.82
57.0	568.82	569.81	570.80	571.80	572.79	573.79	574.78	575.77	576.77	577.76
58.0	578.76	579.75	580.75	581.74	582.73	583.73	584.72	585.72	586.71	587.70
59.0	588.70	589.69	590.69	591.68	592.68	593.67	594.66	595.66	596.65	597.65
60.0	598.64	599.63	600.63	601.62	602.62	603.61	604.60	605.60	606.59	607.59
61.0	608.58	609.58	610.57	611.56	612.56	613.55	614.55	615.54	616.53	617.53
62.0	618.52	619.52	620.51	621.51	622.50	623.49	624.49	625.48	626.48	627.47
63.0	628.46	629.46	630.45	631.45	632.44	633.44	634.43	635.42	636.42	637.41
64.0	638.41	639.40	640.39	641.39	642.38	643.38	644.37	645.36	646.36	647.35
65.0	648.35	649.34	650.34	651.33	652.32	653.32	654.31	655.31	656.30	657.29
66.0	658.29	659.28	660.28	661.27	662.27	663.26	664.25	665.25	666.24	667.24
67.0	668.23	669.22	670.22	671.21	672.21	673.20	674.20	675.19	676.18	677.18
68.0	678.17	679.17	680.16	681.15	682.15	683.14	684.14	685.13	686.13	687.12
69.0	688.11	689.11	690.10	691.10	692.09	693.08	694.08	695.07	696.07	697.06

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 1000 PPM CAL. DATE: 09/06/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	698.06	699.05	700.04	701.04	702.03	703.03	704.02	705.01	706.01	707.00
71.0	708.00	708.99	709.99	710.98	711.97	712.97	713.96	714.96	715.95	716.94
72.0	717.94	718.93	719.93	720.92	721.91	722.91	723.90	724.90	725.89	726.89
73.0	727.88	728.87	729.87	730.86	731.86	732.85	733.84	734.84	735.83	736.83
74.0	737.82	738.82	739.81	740.80	741.80	742.79	743.79	744.78	745.77	746.77
75.0	747.76	748.76	749.75	750.75	751.74	752.73	753.73	754.72	755.72	756.71
76.0	757.70	758.70	759.69	760.69	761.68	762.68	763.67	764.66	765.66	766.65
77.0	767.65	768.64	769.63	770.63	771.62	772.62	773.61	774.60	775.60	776.59
78.0	777.59	778.58	779.58	780.57	781.56	782.56	783.55	784.55	785.54	786.53
79.0	787.53	788.52	789.52	790.51	791.51	792.50	793.49	794.49	795.48	796.48
80.0	797.47	798.46	799.46	800.45	801.45	802.44	803.44	804.43	805.42	806.42
81.0	807.41	808.41	809.40	810.39	811.39	812.38	813.38	814.37	815.37	816.36
82.0	817.35	818.35	819.34	820.34	821.33	822.32	823.32	824.31	825.31	826.30
83.0	827.30	828.29	829.28	830.28	831.27	832.27	833.26	834.25	835.25	836.24
84.0	837.24	838.23	839.23	840.22	841.21	842.21	843.20	844.20	845.19	846.18
85.0	847.18	848.17	849.17	850.16	851.15	852.15	853.14	854.14	855.13	856.13
86.0	857.12	858.11	859.11	860.10	861.10	862.09	863.08	864.08	865.07	866.07
87.0	867.06	868.06	869.05	870.04	871.04	872.03	873.03	874.02	875.01	876.01
88.0	877.00	878.00	878.99	879.99	880.98	881.97	882.97	883.96	884.96	885.95
89.0	886.94	887.94	888.93	889.93	890.92	891.92	892.91	893.90	894.90	895.89
90.0	896.89	897.88	898.87	899.87	900.86	901.86	902.85	903.84	904.84	905.83
91.0	906.83	907.82	908.82	909.81	910.80	911.80	912.79	913.79	914.78	915.77
92.0	916.77	917.76	918.76	919.75	920.75	921.74	922.73	923.73	924.72	925.72
93.0	926.71	927.70	928.70	929.69	930.69	931.68	932.68	933.67	934.66	935.66
94.0	936.65	937.65	938.64	939.63	940.63	941.62	942.62	943.61	944.61	945.60
95.0	946.59	947.59	948.58	949.58	950.57	951.56	952.56	953.55	954.55	955.54
96.0	956.54	957.53	958.52	959.52	960.51	961.51	962.50	963.49	964.49	965.48
97.0	966.48	967.47	968.46	969.46	970.45	971.45	972.44	973.44	974.43	975.42
98.0	976.42	977.41	978.41	979.40	980.39	981.39	982.38	983.38	984.37	985.37
99.0	986.36	987.35	988.35	989.34	990.34	991.33	992.32	993.32	994.31	995.31

C57

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 2500 PPM CAL. DATE: 09/06/74

INSTRUMENT: TECO-CL TRAIN: 7-M PIC: VALENCIA

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.30403206D+01
A(1) = 0.27339340D+02
A(2) = -0.29201913D-01

C58

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-3.0		
9.0	234.0	9.0	240.6	6.6	2.841
23.4	618.0	23.4	620.7	2.7	0.439
32.5	854.0	32.5	854.6	0.6	0.075
37.0	981.0	37.0	968.5	-12.5	-1.270
75.2	1878.0	75.2	1887.7	9.7	0.519
98.0	2400.0	98.0	2395.8	-4.2	-0.177

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 2500 PPM CAL. DATE: 09/06/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-3.04	-0.31	2.43	5.16	7.89	10.62	13.35	16.08	18.81	21.54
1.0	24.27	27.00	29.72	32.45	35.18	37.90	40.63	43.35	46.08	48.80
2.0	51.52	54.24	56.96	59.69	62.41	65.13	67.84	70.56	73.28	76.00
3.0	78.71	81.43	84.15	86.86	89.58	92.29	95.00	97.72	100.43	103.14
4.0	105.85	108.56	111.27	113.98	116.69	119.40	122.10	124.81	127.52	130.22
5.0	132.93	135.63	138.33	141.04	143.74	146.44	149.14	151.85	154.55	157.25
6.0	159.94	162.64	165.34	168.04	170.74	173.43	176.13	178.82	181.52	184.21
7.0	186.90	189.60	192.29	194.98	197.67	200.36	203.05	205.74	208.43	211.12
8.0	213.81	216.49	219.18	221.86	224.55	227.23	229.92	232.60	235.28	237.97
9.0	240.65	243.33	246.01	248.69	251.37	254.05	256.73	259.40	262.08	264.76
10.0	267.43	270.11	272.78	275.46	278.13	280.80	283.48	286.15	288.82	291.49
11.0	294.16	296.83	299.50	302.17	304.83	307.50	310.17	312.83	315.50	318.16
12.0	320.83	323.49	326.15	328.82	331.48	334.14	336.80	339.46	342.12	344.78
13.0	347.44	350.09	352.75	355.41	358.06	360.72	363.37	366.03	368.68	371.33
14.0	373.99	376.64	379.29	381.94	384.59	387.24	389.89	392.54	395.19	397.83
15.0	400.48	403.13	405.77	408.42	411.06	413.70	416.35	418.99	421.63	424.27
16.0	426.91	429.55	432.19	434.83	437.47	440.11	442.75	445.38	448.02	450.65
17.0	453.29	455.92	458.56	461.19	463.82	466.46	469.09	471.72	474.35	476.98
18.0	479.61	482.23	484.86	487.49	490.12	492.74	495.37	497.99	500.62	503.24
19.0	505.87	508.49	511.11	513.73	516.35	518.97	521.59	524.21	526.83	529.45
20.0	532.07	534.68	537.30	539.91	542.53	545.14	547.76	550.37	552.98	555.60
21.0	558.21	560.82	563.43	566.04	568.65	571.26	573.86	576.47	579.08	581.69
22.0	584.29	586.90	589.50	592.11	594.71	597.31	599.91	602.52	605.12	607.72
23.0	610.32	612.92	615.51	618.11	620.71	623.31	625.90	628.50	631.09	633.69
24.0	636.28	638.88	641.47	644.06	646.65	649.25	651.84	654.43	657.01	659.60
25.0	662.19	664.78	667.37	669.95	672.54	675.12	677.71	680.29	682.88	685.46
26.0	688.04	690.62	693.21	695.79	698.37	700.95	703.52	706.10	708.68	711.26
27.0	713.83	716.41	718.99	721.56	724.13	726.71	729.28	731.85	734.43	737.00
28.0	739.57	742.14	744.71	747.28	749.84	752.41	754.98	757.55	760.11	762.68
29.0	765.24	767.81	770.37	772.93	775.50	778.06	780.62	783.18	785.74	788.30
30.0	790.86	793.42	795.97	798.53	801.09	803.64	806.20	808.75	811.31	813.86
31.0	816.42	818.97	821.52	824.07	826.62	829.17	831.72	834.27	836.82	839.37
32.0	841.92	844.46	847.01	849.55	852.10	854.64	857.19	859.73	862.27	864.82
33.0	867.36	869.90	872.44	874.98	877.52	880.06	882.59	885.13	887.67	890.20
34.0	892.74	895.27	897.81	900.34	902.88	905.41	907.94	910.47	913.00	915.53

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 2500 PPM CAL. DATE: 09/06/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	918.06	920.59	923.12	925.65	928.18	930.70	933.23	935.76	938.28	940.81
36.0	943.33	945.85	948.38	950.90	953.42	955.94	958.46	960.98	963.50	966.02
37.0	968.54	971.06	973.57	976.09	978.60	981.12	983.63	986.15	988.66	991.17
38.0	993.69	996.20	998.71	1001.22	1003.73	1006.24	1008.75	1011.26	1013.76	1016.27
39.0	1018.78	1021.28	1023.79	1026.29	1028.80	1031.30	1033.80	1036.31	1038.81	1041.31
40.0	1043.81	1046.31	1048.81	1051.31	1053.81	1056.30	1058.80	1061.30	1063.79	1066.29
41.0	1068.78	1071.28	1073.77	1076.27	1078.76	1081.25	1083.74	1086.23	1088.72	1091.21
42.0	1093.70	1096.19	1098.68	1101.16	1103.65	1106.14	1108.62	1111.11	1113.59	1116.07
43.0	1118.56	1121.04	1123.52	1126.00	1128.48	1130.96	1133.44	1135.92	1138.40	1140.88
44.0	1143.36	1145.83	1148.31	1150.78	1153.26	1155.73	1158.21	1160.68	1163.15	1165.62
45.0	1168.10	1170.57	1173.04	1175.51	1177.98	1180.44	1182.91	1185.38	1187.85	1190.31
46.0	1192.78	1195.24	1197.71	1200.17	1202.63	1205.10	1207.56	1210.02	1212.48	1214.94
47.0	1217.40	1219.86	1222.32	1224.78	1227.23	1229.69	1232.15	1234.60	1237.06	1239.51
48.0	1241.97	1244.42	1246.87	1249.33	1251.78	1254.23	1256.68	1259.13	1261.58	1264.03
49.0	1266.47	1268.92	1271.37	1273.81	1276.26	1278.71	1281.15	1283.59	1286.04	1288.48
50.0	1290.92	1293.36	1295.80	1298.25	1300.69	1303.12	1305.56	1308.00	1310.44	1312.88
51.0	1315.31	1317.75	1320.18	1322.62	1325.05	1327.49	1329.92	1332.35	1334.78	1337.21
52.0	1339.64	1342.07	1344.50	1346.93	1349.36	1351.79	1354.21	1356.64	1359.07	1361.49
53.0	1363.92	1366.34	1368.76	1371.19	1373.61	1376.03	1378.45	1380.87	1383.29	1385.71
54.0	1388.13	1390.55	1392.97	1395.38	1397.80	1400.22	1402.63	1405.05	1407.46	1409.87
55.0	1412.29	1414.70	1417.11	1419.52	1421.93	1424.34	1426.75	1429.16	1431.57	1433.98
56.0	1436.39	1438.79	1441.20	1443.60	1446.01	1448.41	1450.82	1453.22	1455.62	1458.02
57.0	1460.43	1462.83	1465.23	1467.63	1470.02	1472.42	1474.82	1477.22	1479.61	1482.01
58.0	1484.41	1486.80	1489.20	1491.59	1493.98	1496.37	1498.77	1501.16	1503.55	1505.94
59.0	1508.33	1510.72	1513.11	1515.49	1517.88	1520.27	1522.65	1525.04	1527.43	1529.81
60.0	1532.19	1534.58	1536.96	1539.34	1541.72	1544.10	1546.48	1548.86	1551.24	1553.62
61.0	1556.00	1558.38	1560.75	1563.13	1565.51	1567.88	1570.25	1572.63	1575.00	1577.37
62.0	1579.75	1582.12	1584.49	1586.86	1589.23	1591.60	1593.97	1596.34	1598.70	1601.07
63.0	1603.44	1605.80	1608.17	1610.53	1612.90	1615.26	1617.62	1619.98	1622.35	1624.71
64.0	1627.07	1629.43	1631.79	1634.14	1636.50	1638.86	1641.22	1643.57	1645.93	1648.28
65.0	1650.64	1652.99	1655.35	1657.70	1660.05	1662.40	1664.75	1667.10	1669.45	1671.80
66.0	1674.15	1676.50	1678.85	1681.20	1683.54	1685.89	1688.23	1690.58	1692.92	1695.27
67.0	1697.61	1699.95	1702.29	1704.63	1706.97	1709.31	1711.65	1713.99	1716.33	1718.67
68.0	1721.01	1723.34	1725.68	1728.01	1730.35	1732.68	1735.02	1737.35	1739.68	1742.01
69.0	1744.34	1746.67	1749.00	1751.33	1753.66	1755.99	1758.32	1760.65	1762.97	1765.30

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 2500 PPM CAL. DATE: 09/06/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	1767.62	1769.95	1772.27	1774.60	1776.92	1779.24	1781.56	1783.89	1786.21	1788.53
71.0	1790.85	1793.17	1795.48	1797.80	1800.12	1802.44	1804.75	1807.07	1809.38	1811.70
72.0	1814.01	1816.32	1818.64	1820.95	1823.26	1825.57	1827.88	1830.19	1832.50	1834.81
73.0	1837.11	1839.42	1841.73	1844.03	1846.34	1848.65	1850.95	1853.25	1855.56	1857.86
74.0	1860.16	1862.46	1864.76	1867.06	1869.36	1871.66	1873.96	1876.26	1878.56	1880.85
75.0	1883.15	1885.45	1887.74	1890.03	1892.33	1894.62	1896.91	1899.21	1901.50	1903.79
76.0	1906.08	1908.37	1910.66	1912.95	1915.24	1917.52	1919.81	1922.10	1924.38	1926.67
77.0	1928.95	1931.23	1933.52	1935.80	1938.08	1940.36	1942.65	1944.93	1947.21	1949.49
78.0	1951.76	1954.04	1956.32	1958.60	1960.87	1963.15	1965.42	1967.70	1969.97	1972.25
79.0	1974.52	1976.79	1979.06	1981.33	1983.60	1985.87	1988.14	1990.41	1992.68	1994.95
80.0	1997.22	1999.48	2001.75	2004.01	2006.28	2008.54	2010.80	2013.07	2015.33	2017.59
81.0	2019.85	2022.11	2024.37	2026.63	2028.89	2031.15	2033.41	2035.66	2037.92	2040.18
82.0	2042.43	2044.69	2046.94	2049.19	2051.45	2053.70	2055.95	2058.20	2060.45	2062.70
83.0	2064.95	2067.20	2069.45	2071.70	2073.95	2076.19	2078.44	2080.68	2082.93	2085.17
84.0	2087.42	2089.66	2091.90	2094.14	2096.38	2098.63	2100.87	2103.10	2105.34	2107.58
85.0	2109.82	2112.06	2114.29	2116.53	2118.77	2121.00	2123.23	2125.47	2127.70	2129.93
86.0	2132.17	2134.40	2136.63	2138.86	2141.09	2143.32	2145.55	2147.77	2150.00	2152.23
87.0	2154.45	2156.68	2158.90	2161.13	2163.35	2165.58	2167.80	2170.02	2172.24	2174.46
88.0	2176.68	2178.90	2181.12	2183.34	2185.56	2187.77	2189.99	2192.21	2194.42	2196.64
89.0	2198.85	2201.07	2203.28	2205.49	2207.70	2209.92	2212.13	2214.34	2216.55	2218.76
90.0	2220.97	2223.17	2225.38	2227.59	2229.79	2232.00	2234.20	2236.41	2238.61	2240.82
91.0	2243.02	2245.22	2247.42	2249.62	2251.82	2254.02	2256.22	2258.42	2260.62	2262.82
92.0	2265.01	2267.21	2269.41	2271.60	2273.80	2275.99	2278.18	2280.38	2282.57	2284.76
93.0	2286.95	2289.14	2291.33	2293.52	2295.71	2297.90	2300.09	2302.27	2304.46	2306.64
94.0	2308.83	2311.01	2313.20	2315.38	2317.56	2319.75	2321.93	2324.11	2326.29	2328.47
95.0	2330.65	2332.83	2335.01	2337.18	2339.36	2341.54	2343.71	2345.89	2348.06	2350.24
96.0	2352.41	2354.58	2356.76	2358.93	2361.10	2363.27	2365.44	2367.61	2369.78	2371.95
97.0	2374.12	2376.28	2378.45	2380.61	2382.78	2384.95	2387.11	2389.27	2391.44	2393.60
98.0	2395.76	2397.92	2400.08	2402.24	2404.40	2406.56	2408.72	2410.88	2413.03	2415.19
99.0	2417.35	2419.50	2421.66	2423.81	2425.97	2428.12	2430.27	2432.42	2434.57	2436.72

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 100 PPM CAL. DATE: 12/10/74

INSTRUMENT: FID-2 TRAIN: MASS PIC: MCMILLAN

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - + A(4)*(DEFLECTION**4)

A(0) = 0.52247041D+00
A(1) = 0.10002298D+01

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CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	0.5		
47.9	49.5	47.9	48.4	-1.1	-2.155
93.9	93.9	93.9	94.4	0.5	0.579

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 100 PPM CAL. DATE: 12/10/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	0.52	0.62	0.72	0.82	0.92	1.02	1.12	1.22	1.32	1.42
1.0	1.52	1.62	1.72	1.82	1.92	2.02	2.12	2.22	2.32	2.42
2.0	2.52	2.62	2.72	2.82	2.92	3.02	3.12	3.22	3.32	3.42
3.0	3.52	3.62	3.72	3.82	3.92	4.02	4.12	4.22	4.32	4.42
4.0	4.52	4.62	4.72	4.82	4.92	5.02	5.12	5.22	5.32	5.42
5.0	5.52	5.62	5.72	5.82	5.92	6.02	6.12	6.22	6.32	6.42
6.0	6.52	6.62	6.72	6.82	6.92	7.02	7.12	7.22	7.32	7.42
7.0	7.52	7.62	7.72	7.82	7.92	8.02	8.12	8.22	8.32	8.42
8.0	8.52	8.62	8.72	8.82	8.92	9.02	9.12	9.22	9.32	9.42
9.0	9.52	9.62	9.72	9.82	9.92	10.02	10.12	10.22	10.32	10.42
10.0	10.52	10.62	10.72	10.82	10.92	11.02	11.12	11.22	11.32	11.42
11.0	11.53	11.63	11.73	11.83	11.93	12.03	12.13	12.23	12.33	12.43
12.0	12.53	12.63	12.73	12.83	12.93	13.03	13.13	13.23	13.33	13.43
13.0	13.53	13.63	13.73	13.83	13.93	14.03	14.13	14.23	14.33	14.43
14.0	14.53	14.63	14.73	14.83	14.93	15.03	15.13	15.23	15.33	15.43
15.0	15.53	15.63	15.73	15.83	15.93	16.03	16.13	16.23	16.33	16.43
16.0	16.53	16.63	16.73	16.83	16.93	17.03	17.13	17.23	17.33	17.43
17.0	17.53	17.63	17.73	17.83	17.93	18.03	18.13	18.23	18.33	18.43
18.0	18.53	18.63	18.73	18.83	18.93	19.03	19.13	19.23	19.33	19.43
19.0	19.53	19.63	19.73	19.83	19.93	20.03	20.13	20.23	20.33	20.43
20.0	20.53	20.63	20.73	20.83	20.93	21.03	21.13	21.23	21.33	21.43
21.0	21.53	21.63	21.73	21.83	21.93	22.03	22.13	22.23	22.33	22.43
[illegible].0	22.53	22.63	22.73	22.83	22.93	23.03	23.13	23.23	23.33	23.43
[illegible].0	23.53	23.63	23.73	23.83	23.93	24.03	24.13	24.23	24.33	24.43
[illegible].0	24.53	24.63	24.73	24.83	24.93	25.03	25.13	25.23	25.33	25.43
[illegible].0	25.53	25.63	25.73	25.83	25.93	26.03	26.13	26.23	26.33	26.43
[illegible].0	26.53	26.63	26.73	26.83	26.93	27.03	27.13	27.23	27.33	27.43
[illegible].0	27.53	27.63	27.73	27.83	27.93	28.03	28.13	28.23	28.33	28.43
28.0	28.53	28.63	28.73	28.83	28.93	29.03	29.13	29.23	29.33	29.43
29.0	29.53	29.63	29.73	29.83	29.93	30.03	30.13	30.23	30.33	30.43
30.0	30.53	30.63	30.73	30.83	30.93	31.03	31.13	31.23	31.33	31.43
31.0	31.53	31.63	31.73	31.83	31.93	32.03	32.13	32.23	32.33	32.43
32.0	32.53	32.63	32.73	32.83	32.93	33.03	33.13	33.23	33.33	33.43
33.0	33.53	33.63	33.73	33.83	33.93	34.03	34.13	34.23	34.33	34.43
34.0	34.53	34.63	34.73	34.83	34.93	35.03	35.13	35.23	35.33	35.43

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 100 PPM CAL. DATE: 12/10/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	35.53	35.63	35.73	35.83	35.93	36.03	36.13	36.23	36.33	36.43
36.0	36.53	36.63	36.73	36.83	36.93	37.03	37.13	37.23	37.33	37.43
37.0	37.53	37.63	37.73	37.83	37.93	38.03	38.13	38.23	38.33	38.43
38.0	38.53	38.63	38.73	38.83	38.93	39.03	39.13	39.23	39.33	39.43
39.0	39.53	39.63	39.73	39.83	39.93	40.03	40.13	40.23	40.33	40.43
40.0	40.53	40.63	40.73	40.83	40.93	41.03	41.13	41.23	41.33	41.43
41.0	41.53	41.63	41.73	41.83	41.93	42.03	42.13	42.23	42.33	42.43
42.0	42.53	42.63	42.73	42.83	42.93	43.03	43.13	43.23	43.33	43.43
43.0	43.53	43.63	43.73	43.83	43.93	44.03	44.13	44.23	44.33	44.43
44.0	44.53	44.63	44.73	44.83	44.93	45.03	45.13	45.23	45.33	45.43
45.0	45.53	45.63	45.73	45.83	45.93	46.03	46.13	46.23	46.33	46.43
46.0	46.53	46.63	46.73	46.83	46.93	47.03	47.13	47.23	47.33	47.43
47.0	47.53	47.63	47.73	47.83	47.93	48.03	48.13	48.23	48.33	48.43
48.0	48.53	48.63	48.73	48.83	48.93	49.03	49.13	49.23	49.33	49.43
49.0	49.53	49.63	49.73	49.83	49.93	50.03	50.13	50.23	50.33	50.43
50.0	50.53	50.63	50.73	50.83	50.93	51.03	51.13	51.23	51.33	51.43
51.0	51.53	51.63	51.73	51.83	51.93	52.03	52.13	52.23	52.33	52.43
52.0	52.53	52.63	52.73	52.83	52.93	53.03	53.13	53.23	53.33	53.43
53.0	53.53	53.63	53.73	53.83	53.93	54.03	54.13	54.23	54.33	54.43
54.0	54.53	54.63	54.73	54.83	54.93	55.04	55.14	55.24	55.34	55.44
55.0	55.54	55.64	55.74	55.84	55.94	56.04	56.14	56.24	56.34	56.44
56.0	56.54	56.64	56.74	56.84	56.94	57.04	57.14	57.24	57.34	57.44
57.0	57.54	57.64	57.74	57.84	57.94	58.04	58.14	58.24	58.34	58.44
58.0	58.54	58.64	58.74	58.84	58.94	59.04	59.14	59.24	59.34	59.44
59.0	59.54	59.64	59.74	59.84	59.94	60.04	60.14	60.24	60.34	60.44
60.0	60.54	60.64	60.74	60.84	60.94	61.04	61.14	61.24	61.34	61.44
61.0	61.54	61.64	61.74	61.84	61.94	62.04	62.14	62.24	62.34	62.44
62.0	62.54	62.64	62.74	62.84	62.94	63.04	63.14	63.24	63.34	63.44
63.0	63.54	63.64	63.74	63.84	63.94	64.04	64.14	64.24	64.34	64.44
64.0	64.54	64.64	64.74	64.84	64.94	65.04	65.14	65.24	65.34	65.44
65.0	65.54	65.64	65.74	65.84	65.94	66.04	66.14	66.24	66.34	66.44
66.0	66.54	66.64	66.74	66.84	66.94	67.04	67.14	67.24	67.34	67.44
67.0	67.54	67.64	67.74	67.84	67.94	68.04	68.14	68.24	68.34	68.44
68.0	68.54	68.64	68.74	68.84	68.94	69.04	69.14	69.24	69.34	69.44
69.0	69.54	69.64	69.74	69.84	69.94	70.04	70.14	70.24	70.34	70.44

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 100 PPM CAL. DATE: 12/10/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	70.54	70.64	70.74	70.84	70.94	71.04	71.14	71.24	71.34	71.44
71.0	71.54	71.64	71.74	71.84	71.94	72.04	72.14	72.24	72.34	72.44
72.0	72.54	72.64	72.74	72.84	72.94	73.04	73.14	73.24	73.34	73.44
73.0	73.54	73.64	73.74	73.84	73.94	74.04	74.14	74.24	74.34	74.44
74.0	74.54	74.64	74.74	74.84	74.94	75.04	75.14	75.24	75.34	75.44
75.0	75.54	75.64	75.74	75.84	75.94	76.04	76.14	76.24	76.34	76.44
76.0	76.54	76.64	76.74	76.84	76.94	77.04	77.14	77.24	77.34	77.44
77.0	77.54	77.64	77.74	77.84	77.94	78.04	78.14	78.24	78.34	78.44
78.0	78.54	78.64	78.74	78.84	78.94	79.04	79.14	79.24	79.34	79.44
79.0	79.54	79.64	79.74	79.84	79.94	80.04	80.14	80.24	80.34	80.44
80.0	80.54	80.64	80.74	80.84	80.94	81.04	81.14	81.24	81.34	81.44
81.0	81.54	81.64	81.74	81.84	81.94	82.04	82.14	82.24	82.34	82.44
82.0	82.54	82.64	82.74	82.84	82.94	83.04	83.14	83.24	83.34	83.44
83.0	83.54	83.64	83.74	83.84	83.94	84.04	84.14	84.24	84.34	84.44
84.0	84.54	84.64	84.74	84.84	84.94	85.04	85.14	85.24	85.34	85.44
85.0	85.54	85.64	85.74	85.84	85.94	86.04	86.14	86.24	86.34	86.44
86.0	86.54	86.64	86.74	86.84	86.94	87.04	87.14	87.24	87.34	87.44
87.0	87.54	87.64	87.74	87.84	87.94	88.04	88.14	88.24	88.34	88.44
88.0	88.54	88.64	88.74	88.84	88.94	89.04	89.14	89.24	89.34	89.44
89.0	89.54	89.64	89.74	89.84	89.94	90.04	90.14	90.24	90.34	90.44
90.0	90.54	90.64	90.74	90.84	90.94	91.04	91.14	91.24	91.34	91.44
91.0	91.54	91.64	91.74	91.84	91.94	92.04	92.14	92.24	92.34	92.44
92.0	92.54	92.64	92.74	92.84	92.94	93.04	93.14	93.24	93.34	93.44
93.0	93.54	93.64	93.74	93.84	93.94	94.04	94.14	94.24	94.34	94.44
94.0	94.54	94.64	94.74	94.84	94.94	95.04	95.14	95.24	95.34	95.44
95.0	95.54	95.64	95.74	95.84	95.94	96.04	96.14	96.24	96.34	96.44
96.0	96.54	96.64	96.74	96.84	96.94	97.04	97.14	97.24	97.34	97.44
97.0	97.54	97.64	97.74	97.84	97.94	98.04	98.14	98.24	98.34	98.44
98.0	98.55	98.65	98.75	98.85	98.95	99.05	99.15	99.25	99.35	99.45
99.0	99.55	99.65	99.75	99.85	99.95	100.05	100.15	100.25	100.35	100.45

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 12/11/74

INSTRUMENT: AIA-21 TRAIN: MASS PIC: VALENCIA

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.183233570+01
A(1) = 0.51125627D+01
A(2) = 0.24586225D-01

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-1.8		
17.6	92.0	17.6	95.8	3.8	4.092
41.4	254.0	41.4	252.0	-2.0	-0.800
71.3	488.0	71.3	487.7	-0.3	-0.065
97.0	725.0	97.0	725.4	0.4	0.058

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 12/11/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-1.83	-1.32	-0.81	-0.30	0.22	0.73	1.24	1.76	2.27	2.79
1.0	3.30	3.82	4.34	4.86	5.37	5.89	6.41	6.93	7.45	7.97
2.0	8.49	9.01	9.53	10.06	10.58	11.10	11.63	12.15	12.68	13.20
3.0	13.73	14.25	14.78	15.31	15.83	16.36	16.89	17.42	17.95	18.48
4.0	19.01	19.54	20.07	20.61	21.14	21.67	22.21	22.74	23.27	23.81
5.0	24.35	24.88	25.42	25.95	26.49	27.03	27.57	28.11	28.65	29.19
6.0	29.73	30.27	30.81	31.35	31.90	32.44	32.98	33.53	34.07	34.61
7.0	35.16	35.71	36.25	36.80	37.35	37.89	38.44	38.99	39.54	40.09
8.0	40.64	41.19	41.74	42.30	42.85	43.40	43.95	44.51	45.06	45.62
9.0	46.17	46.73	47.28	47.84	48.40	48.96	49.51	50.07	50.63	51.19
10.0	51.75	52.31	52.87	53.44	54.00	54.56	55.12	55.69	56.25	56.82
11.0	57.38	57.95	58.51	59.08	59.65	60.21	60.78	61.35	61.92	62.49
12.0	63.06	63.63	64.20	64.77	65.34	65.92	66.49	67.06	67.64	68.21
13.0	68.79	69.36	69.94	70.51	71.09	71.67	72.25	72.82	73.40	73.98
14.0	74.56	75.14	75.72	76.30	76.89	77.47	78.05	78.64	79.22	79.80
15.0	80.39	80.97	81.56	82.15	82.73	83.32	83.91	84.50	85.08	85.67
16.0	86.26	86.85	87.44	88.03	88.63	89.22	89.81	90.40	91.00	91.59
17.0	92.19	92.78	93.38	93.97	94.57	95.17	95.76	96.36	96.96	97.56
18.0	98.16	98.76	99.36	99.96	100.56	101.16	101.77	102.37	102.97	103.58
19.0	104.18	104.79	105.39	106.00	106.60	107.21	107.82	108.43	109.04	109.64
20.0	110.25	110.86	111.47	112.08	112.70	113.31	113.92	114.53	115.15	115.76
21.0	116.37	116.99	117.60	118.22	118.84	119.45	120.07	120.69	121.31	121.92
22.0	122.54	123.16	123.78	124.40	125.03	125.65	126.27	126.89	127.52	128.14
23.0	128.76	129.39	130.01	130.64	131.26	131.89	132.52	133.15	133.77	134.40
24.0	135.03	135.66	136.29	136.92	137.55	138.18	138.82	139.45	140.08	140.71
25.0	141.35	141.98	142.62	143.25	143.89	144.53	145.16	145.80	146.44	147.08
26.0	147.71	148.35	148.99	149.63	150.27	150.92	151.56	152.20	152.84	153.49
27.0	154.13	154.77	155.42	156.06	156.71	157.36	158.00	158.65	159.30	159.95
28.0	160.60	161.24	161.89	162.54	163.19	163.85	164.50	165.15	165.80	166.46
29.0	167.11	167.76	168.42	169.07	169.73	170.38	171.04	171.70	172.36	173.01
30.0	173.67	174.33	174.99	175.65	176.31	176.97	177.63	178.30	178.96	179.62
31.0	180.28	180.95	181.61	182.28	182.94	183.61	184.28	184.94	185.61	186.28
32.0	186.95	187.61	188.28	188.95	189.62	190.30	190.97	191.64	192.31	192.98
33.0	193.66	194.33	195.00	195.68	196.35	197.03	197.71	198.38	199.06	199.74
34.0	200.42	201.10	201.77	202.45	203.13	203.81	204.50	205.18	205.86	206.54

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 12/11/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	207.23	207.91	208.59	209.28	209.96	210.65	211.33	212.02	212.71	213.40
36.0	214.08	214.77	215.46	216.15	216.84	217.53	218.22	218.91	219.61	220.30
37.0	220.99	221.68	222.38	223.07	223.77	224.46	225.16	225.86	226.55	227.25
38.0	227.95	228.65	229.34	230.04	230.74	231.44	232.15	232.85	233.55	234.25
39.0	234.95	235.66	236.36	237.06	237.77	238.47	239.18	239.89	240.59	241.30
40.0	242.01	242.72	243.43	244.13	244.84	245.55	246.26	246.98	247.69	248.40
41.0	249.11	249.83	250.54	251.25	251.97	252.68	253.40	254.11	254.83	255.55
42.0	256.27	256.98	257.70	258.42	259.14	259.86	260.58	261.30	262.02	262.75
43.0	263.47	264.19	264.91	265.64	266.36	267.09	267.81	268.54	269.27	269.99
44.0	270.72	271.45	272.18	272.90	273.63	274.36	275.09	275.82	276.56	277.29
45.0	278.02	278.75	279.49	280.22	280.95	281.69	282.42	283.16	283.90	284.63
46.0	285.37	286.11	286.85	287.58	288.32	289.06	289.80	290.54	291.29	292.03
47.0	292.77	293.51	294.25	295.00	295.74	296.49	297.23	297.98	298.72	299.47
48.0	300.22	300.96	301.71	302.46	303.21	303.96	304.71	305.46	306.21	306.96
49.0	307.71	308.47	309.22	309.97	310.73	311.48	312.24	312.99	313.75	314.50
50.0	315.26	316.02	316.78	317.53	318.29	319.05	319.81	320.57	321.33	322.10
51.0	322.86	323.62	324.38	325.15	325.91	326.67	327.44	328.20	328.97	329.74
52.0	330.50	331.27	332.04	332.81	333.57	334.34	335.11	335.88	336.65	337.42
53.0	338.20	338.97	339.74	340.51	341.29	342.06	342.84	343.61	344.39	345.16
54.0	345.94	346.72	347.49	348.27	349.05	349.83	350.61	351.39	352.17	352.95
55.0	353.73	354.51	355.30	356.08	356.86	357.65	358.43	359.22	360.00	360.79
56.0	361.57	362.36	363.15	363.94	364.72	365.51	366.30	367.09	367.88	368.67
57.0	369.46	370.26	371.05	371.84	372.63	373.43	374.22	375.02	375.81	376.61
58.0	377.40	378.20	379.00	379.80	380.59	381.39	382.19	382.99	383.79	384.59
59.0	385.39	386.20	387.00	387.80	388.60	389.41	390.21	391.02	391.82	392.63
60.0	393.43	394.24	395.05	395.85	396.66	397.47	398.28	399.09	399.90	400.71
61.0	401.52	402.33	403.14	403.96	404.77	405.58	406.40	407.21	408.02	408.84
62.0	409.66	410.47	411.29	412.11	412.92	413.74	414.56	415.38	416.20	417.02
63.0	417.84	418.66	419.48	420.31	421.13	421.95	422.78	423.60	424.43	425.25
64.0	426.08	426.90	427.73	428.56	429.38	430.21	431.04	431.87	432.70	433.53
65.0	434.36	435.19	436.02	436.86	437.69	438.52	439.36	440.19	441.02	441.86
66.0	442.69	443.53	444.37	445.20	446.04	446.88	447.72	448.56	449.40	450.24
67.0	451.08	451.92	452.76	453.60	454.44	455.29	456.13	456.97	457.82	458.66
68.0	459.51	460.35	461.20	462.05	462.90	463.74	464.59	465.44	466.29	467.14
69.0	467.99	468.84	469.69	470.54	471.40	472.25	473.10	473.96	474.81	475.66

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 12/11/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	476.52	477.38	478.23	479.09	479.95	480.80	481.66	482.52	483.38	484.24
71.0	485.10	485.96	486.82	487.68	488.54	489.41	490.27	491.13	492.00	492.86
72.0	493.73	494.59	495.46	496.33	497.19	498.06	498.93	499.80	500.67	501.53
73.0	502.40	503.28	504.15	505.02	505.89	506.76	507.64	508.51	509.38	510.26
74.0	511.13	512.01	512.88	513.76	514.64	515.51	516.39	517.27	518.15	519.03
75.0	519.91	520.79	521.67	522.55	523.43	524.31	525.20	526.08	526.96	527.85
76.0	528.73	529.62	530.50	531.39	532.28	533.16	534.05	534.94	535.83	536.72
77.0	537.61	538.50	539.39	540.28	541.17	542.06	542.95	543.85	544.74	545.64
78.0	546.53	547.43	548.32	549.22	550.11	551.01	551.91	552.81	553.70	554.60
79.0	555.50	556.40	557.30	558.20	559.11	560.01	560.91	561.81	562.72	563.62
80.0	564.52	565.43	566.33	567.24	568.15	569.05	569.96	570.87	571.78	572.69
81.0	573.60	574.51	575.42	576.33	577.24	578.15	579.06	579.97	580.89	581.80
82.0	582.72	583.63	584.55	585.46	586.38	587.29	588.21	589.13	590.05	590.97
83.0	591.89	592.80	593.72	594.65	595.57	596.49	597.41	598.33	599.26	600.18
84.0	601.10	602.03	602.95	603.88	604.80	605.73	606.66	607.59	608.51	609.44
85.0	610.37	611.30	612.23	613.16	614.09	615.02	615.96	616.89	617.82	618.75
86.0	619.69	620.62	621.56	622.49	623.43	624.36	625.30	626.24	627.18	628.11
87.0	629.05	629.99	630.93	631.87	632.81	633.76	634.70	635.64	636.58	637.53
88.0	638.47	639.41	640.36	641.30	642.25	643.20	644.14	645.09	646.04	646.98
89.0	647.93	648.88	649.83	650.78	651.73	652.68	653.64	654.59	655.54	656.49
90.0	657.45	658.40	659.36	660.31	661.27	662.22	663.18	664.14	665.09	666.05
91.0	667.01	667.97	668.93	669.89	670.85	671.81	672.77	673.73	674.70	675.66
92.0	676.62	677.59	678.55	679.51	680.48	681.45	682.41	683.38	684.35	685.31
93.0	686.28	687.25	688.22	689.19	690.16	691.13	692.10	693.07	694.05	695.02
94.0	695.99	696.97	697.94	698.92	699.89	700.87	701.84	702.82	703.80	704.77
95.0	705.75	706.73	707.71	708.69	709.67	710.65	711.63	712.61	713.59	714.58
96.0	715.56	716.54	717.53	718.51	719.50	720.48	721.47	722.46	723.44	724.43
97.0	725.42	726.41	727.40	728.39	729.37	730.37	731.36	732.35	733.34	734.33
98.0	735.32	736.32	737.31	738.31	739.30	740.30	741.29	742.29	743.29	744.28
99.0	745.28	746.28	747.28	748.28	749.28	750.28	751.28	752.28	753.28	754.28

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 4% CAL. DATE: 12/10/74

INSTRUMENT: AIA-2 TRAIN: MASS PIC: MCMILLEN

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.63548237D-02
A(1) = 0.41238416D-01

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CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-0.0		
24.5	1.0	24.5	1.0	-0.0	-0.595
49.0	2.0	49.0	2.0	0.0	0.969
74.6	3.1	74.6	3.1	0.0	0.164
98.0	4.0	98.0	4.0	-0.0	-0.296

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 4% CAL. DATE: 12/10/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-0.01	-0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03
1.0	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07
2.0	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.11
3.0	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.15	0.15	0.15
4.0	0.16	0.16	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.20
5.0	0.20	0.20	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.24
6.0	0.24	0.25	0.25	0.25	0.26	0.26	0.27	0.27	0.27	0.28
7.0	0.28	0.29	0.29	0.29	0.30	0.30	0.31	0.31	0.32	0.32
8.0	0.32	0.33	0.33	0.34	0.34	0.34	0.35	0.35	0.36	0.36
9.0	0.36	0.37	0.37	0.38	0.38	0.39	0.39	0.39	0.40	0.40
10.0	0.41	0.41	0.41	0.42	0.42	0.43	0.43	0.43	0.44	0.44
11.0	0.45	0.45	0.46	0.46	0.46	0.47	0.47	0.48	0.48	0.48
12.0	0.49	0.49	0.50	0.50	0.51	0.51	0.51	0.52	0.52	0.53
13.0	0.53	0.53	0.54	0.54	0.55	0.55	0.55	0.56	0.56	0.57
14.0	0.57	0.58	0.58	0.58	0.59	0.59	0.60	0.60	0.60	0.61
15.0	0.61	0.62	0.62	0.62	0.63	0.63	0.64	0.64	0.65	0.65
16.0	0.65	0.66	0.66	0.67	0.67	0.67	0.68	0.68	0.69	0.69
17.0	0.69	0.70	0.70	0.71	0.71	0.72	0.72	0.72	0.73	0.73
18.0	0.74	0.74	0.74	0.75	0.75	0.76	0.76	0.76	0.77	0.77
19.0	0.78	0.78	0.79	0.79	0.79	0.80	0.80	0.81	0.81	0.81
20.0	0.82	0.82	0.83	0.83	0.83	0.84	0.84	0.85	0.85	0.86
21.0	0.86	0.86	0.87	0.87	0.88	0.88	0.88	0.89	0.89	0.90
22.0	0.90	0.91	0.91	0.91	0.92	0.92	0.93	0.93	0.93	0.94
23.0	0.94	0.95	0.95	0.95	0.96	0.96	0.97	0.97	0.98	0.98
24.0	0.98	0.99	0.99	1.00	1.00	1.00	1.01	1.01	1.02	1.02
25.0	1.02	1.03	1.03	1.04	1.04	1.05	1.05	1.05	1.06	1.06
26.0	1.07	1.07	1.07	1.08	1.08	1.09	1.09	1.09	1.10	1.10
27.0	1.11	1.11	1.12	1.12	1.12	1.13	1.13	1.14	1.14	1.14
28.0	1.15	1.15	1.16	1.16	1.16	1.17	1.17	1.18	1.18	1.19
29.0	1.19	1.19	1.20	1.20	1.21	1.21	1.21	1.22	1.22	1.23
30.0	1.23	1.23	1.24	1.24	1.25	1.25	1.26	1.26	1.26	1.27
31.0	1.27	1.28	1.28	1.28	1.29	1.29	1.30	1.30	1.31	1.31
32.0	1.31	1.32	1.32	1.33	1.33	1.33	1.34	1.34	1.35	1.35
33.0	1.35	1.36	1.36	1.37	1.37	1.38	1.38	1.38	1.39	1.39
34.0	1.40	1.40	1.40	1.41	1.41	1.42	1.42	1.42	1.43	1.43

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 4% CAL. DATE: 12/10/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	1.44	1.44	1.45	1.45	1.45	1.46	1.46	1.47	1.47	1.47
36.0	1.48	1.48	1.49	1.49	1.49	1.50	1.50	1.51	1.51	1.52
37.0	1.52	1.52	1.53	1.53	1.54	1.54	1.54	1.55	1.55	1.56
38.0	1.56	1.56	1.57	1.57	1.58	1.58	1.59	1.59	1.59	1.60
39.0	1.60	1.61	1.61	1.61	1.62	1.62	1.63	1.63	1.63	1.64
40.0	1.64	1.65	1.65	1.66	1.66	1.66	1.67	1.67	1.68	1.68
41.0	1.68	1.69	1.69	1.70	1.70	1.71	1.71	1.71	1.72	1.72
42.0	1.73	1.73	1.73	1.74	1.74	1.75	1.75	1.75	1.76	1.76
43.0	1.77	1.77	1.78	1.78	1.78	1.79	1.79	1.80	1.80	1.80
44.0	1.81	1.81	1.82	1.82	1.82	1.83	1.83	1.84	1.84	1.85
45.0	1.85	1.85	1.86	1.86	1.87	1.87	1.87	1.88	1.88	1.89
46.0	1.89	1.89	1.90	1.90	1.91	1.91	1.92	1.92	1.92	1.93
47.0	1.93	1.94	1.94	1.94	1.95	1.95	1.96	1.96	1.96	1.97
48.0	1.97	1.98	1.98	1.99	1.99	1.99	2.00	2.00	2.01	2.01
49.0	2.01	2.02	2.02	2.03	2.03	2.03	2.04	2.04	2.05	2.05
50.0	2.06	2.06	2.06	2.07	2.07	2.08	2.08	2.08	2.09	2.09
51.0	2.10	2.10	2.11	2.11	2.11	2.12	2.12	2.13	2.13	2.13
52.0	2.14	2.14	2.15	2.15	2.15	2.16	2.16	2.17	2.17	2.18
53.0	2.18	2.18	2.19	2.19	2.20	2.20	2.20	2.21	2.21	2.22
54.0	2.22	2.22	2.23	2.23	2.24	2.24	2.25	2.25	2.25	2.26
55.0	2.26	2.27	2.27	2.27	2.28	2.28	2.29	2.29	2.29	2.30
56.0	2.30	2.31	2.31	2.32	2.32	2.32	2.33	2.33	2.34	2.34
57.0	2.34	2.35	2.35	2.36	2.36	2.36	2.37	2.37	2.38	2.38
58.0	2.39	2.39	2.39	2.40	2.40	2.41	2.41	2.41	2.42	2.42
59.0	2.43	2.43	2.43	2.44	2.44	2.45	2.45	2.46	2.46	2.46
60.0	2.47	2.47	2.48	2.48	2.48	2.49	2.49	2.50	2.50	2.51
61.0	2.51	2.51	2.52	2.52	2.53	2.53	2.53	2.54	2.54	2.55
62.0	2.55	2.55	2.56	2.56	2.57	2.57	2.58	2.58	2.58	2.59
63.0	2.59	2.60	2.60	2.60	2.61	2.61	2.62	2.62	2.62	2.63
64.0	2.63	2.64	2.64	2.65	2.65	2.65	2.66	2.66	2.67	2.67
65.0	2.67	2.68	2.68	2.69	2.69	2.69	2.70	2.70	2.71	2.71
66.0	2.72	2.72	2.72	2.73	2.73	2.74	2.74	2.74	2.75	2.75
67.0	2.76	2.76	2.76	2.77	2.77	2.78	2.78	2.79	2.79	2.79
68.0	2.80	2.80	2.81	2.81	2.81	2.82	2.82	2.83	2.83	2.83
69.0	2.84	2.84	2.85	2.85	2.86	2.86	2.86	2.87	2.87	2.88

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 4% CAL. DATE: 12/10/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	2.88	2.88	2.89	2.89	2.90	2.90	2.91	2.91	2.91	2.92
71.0	2.92	2.93	2.93	2.93	2.94	2.94	2.95	2.95	2.95	2.96
72.0	2.96	2.97	2.97	2.98	2.98	2.98	2.99	2.99	3.00	3.00
73.0	3.00	3.01	3.01	3.02	3.02	3.02	3.03	3.03	3.04	3.04
74.0	3.05	3.05	3.05	3.06	3.06	3.07	3.07	3.07	3.08	3.08
75.0	3.09	3.09	3.09	3.10	3.10	3.11	3.11	3.12	3.12	3.12
76.0	3.13	3.13	3.14	3.14	3.14	3.15	3.15	3.16	3.16	3.16
77.0	3.17	3.17	3.18	3.18	3.19	3.19	3.19	3.20	3.20	3.21
78.0	3.21	3.21	3.22	3.22	3.23	3.23	3.23	3.24	3.24	3.25
79.0	3.25	3.26	3.26	3.26	3.27	3.27	3.28	3.28	3.28	3.29
80.0	3.29	3.30	3.30	3.31	3.31	3.31	3.32	3.32	3.33	3.33
81.0	3.33	3.34	3.34	3.35	3.35	3.35	3.36	3.36	3.37	3.37
82.0	3.38	3.38	3.38	3.39	3.39	3.40	3.40	3.40	3.41	3.41
83.0	3.42	3.42	3.42	3.43	3.43	3.44	3.44	3.45	3.45	3.45
84.0	3.46	3.46	3.47	3.47	3.47	3.48	3.48	3.49	3.49	3.49
85.0	3.50	3.50	3.51	3.51	3.52	3.52	3.52	3.53	3.53	3.54
86.0	3.54	3.54	3.55	3.55	3.56	3.56	3.56	3.57	3.57	3.58
87.0	3.58	3.59	3.59	3.59	3.60	3.60	3.61	3.61	3.61	3.62
88.0	3.62	3.63	3.63	3.63	3.64	3.64	3.65	3.65	3.66	3.66
89.0	3.66	3.67	3.67	3.68	3.68	3.68	3.69	3.69	3.70	3.70
90.0	3.71	3.71	3.71	3.72	3.72	3.73	3.73	3.73	3.74	3.74
91.0	3.75	3.75	3.75	3.76	3.76	3.77	3.77	3.78	3.78	3.78
92.0	3.79	3.79	3.80	3.80	3.80	3.81	3.81	3.82	3.82	3.82
93.0	3.83	3.83	3.84	3.84	3.85	3.85	3.85	3.86	3.86	3.87
94.0	3.87	3.87	3.88	3.88	3.89	3.89	3.89	3.90	3.90	3.91
95.0	3.91	3.92	3.92	3.92	3.93	3.93	3.94	3.94	3.94	3.95
96.0	3.95	3.96	3.96	3.96	3.97	3.97	3.98	3.98	3.99	3.99
97.0	3.99	4.00	4.00	4.01	4.01	4.01	4.02	4.02	4.03	4.03
98.0	4.04	4.04	4.04	4.05	4.05	4.06	4.06	4.06	4.07	4.07
99.0	4.08	4.08	4.08	4.09	4.09	4.10	4.10	4.11	4.11	4.11

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 100 PPM CAL. DATE: 12/10/74

INSTRUMENT: TECO-CL TRAIN: MASS PIC: MCMILLEN

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.80308665D-01
A(1) = 0.99050263D+00

C74

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-0.1		
68.1	66.5	68.1	67.4	0.9	1.313
75.0	75.0	75.0	74.2	-0.8	-1.057

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 100 PPM CAL. DATE: 12/10/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-0.08	0.02	0.12	0.22	0.32	0.41	0.51	0.61	0.71	0.81
1.0	0.91	1.01	1.11	1.21	1.31	1.41	1.50	1.60	1.70	1.80
2.0	1.90	2.00	2.10	2.20	2.30	2.40	2.49	2.59	2.69	2.79
3.0	2.89	2.99	3.09	3.19	3.29	3.39	3.49	3.58	3.68	3.78
4.0	3.88	3.98	4.08	4.18	4.28	4.38	4.48	4.58	4.67	4.77
5.0	4.87	4.97	5.07	5.17	5.27	5.37	5.47	5.57	5.66	5.76
6.0	5.86	5.96	6.06	6.16	6.26	6.36	6.46	6.56	6.66	6.75
7.0	6.85	6.95	7.05	7.15	7.25	7.35	7.45	7.55	7.65	7.74
8.0	7.84	7.94	8.04	8.14	8.24	8.34	8.44	8.54	8.64	8.74
9.0	8.83	8.93	9.03	9.13	9.23	9.33	9.43	9.53	9.63	9.73
10.0	9.82	9.92	10.02	10.12	10.22	10.32	10.42	10.52	10.62	10.72
11.0	10.82	10.91	11.01	11.11	11.21	11.31	11.41	11.51	11.61	11.71
12.0	11.81	11.90	12.00	12.10	12.20	12.30	12.40	12.50	12.60	12.70
13.0	12.80	12.90	12.99	13.09	13.19	13.29	13.39	13.49	13.59	13.69
14.0	13.79	13.89	13.98	14.08	14.18	14.28	14.38	14.48	14.58	14.68
15.0	14.78	14.88	14.98	15.07	15.17	15.27	15.37	15.47	15.57	15.67
16.0	15.77	15.87	15.97	16.06	16.16	16.26	16.36	16.46	16.56	16.66
17.0	16.76	16.86	16.96	17.06	17.15	17.25	17.35	17.45	17.55	17.65
18.0	17.75	17.85	17.95	18.05	18.14	18.24	18.34	18.44	18.54	18.64
19.0	18.74	18.84	18.94	19.04	19.14	19.23	19.33	19.43	19.53	19.63
20.0	19.73	19.83	19.93	20.03	20.13	20.22	20.32	20.42	20.52	20.62
21.0	20.72	20.82	20.92	21.02	21.12	21.22	21.31	21.41	21.51	21.61
22.0	21.71	21.81	21.91	22.01	22.11	22.21	22.31	22.40	22.50	22.60
23.0	22.70	22.80	22.90	23.00	23.10	23.20	23.30	23.39	23.49	23.59
24.0	23.69	23.79	23.89	23.99	24.09	24.19	24.29	24.39	24.48	24.58
25.0	24.68	24.78	24.88	24.98	25.08	25.18	25.28	25.38	25.47	25.57
26.0	25.67	25.77	25.87	25.97	26.07	26.17	26.27	26.37	26.47	26.56
27.0	26.66	26.76	26.86	26.96	27.06	27.16	27.26	27.36	27.46	27.55
28.0	27.65	27.75	27.85	27.95	28.05	28.15	28.25	28.35	28.45	28.55
29.0	28.64	28.74	28.84	28.94	29.04	29.14	29.24	29.34	29.44	29.54
30.0	29.63	29.73	29.83	29.93	30.03	30.13	30.23	30.33	30.43	30.53
31.0	30.63	30.72	30.82	30.92	31.02	31.12	31.22	31.32	31.42	31.52
32.0	31.62	31.71	31.81	31.91	32.01	32.11	32.21	32.31	32.41	32.51
33.0	32.61	32.71	32.80	32.90	33.00	33.10	33.20	33.30	33.40	33.50
34.0	33.60	33.70	33.79	33.89	33.99	34.09	34.19	34.29	34.39	34.49

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 100 PPM CAL. DATE: 12/10/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	34.59	34.69	34.79	34.88	34.98	35.08	35.18	35.28	35.38	35.48
36.0	35.58	35.68	35.78	35.87	35.97	36.07	36.17	36.27	36.37	36.47
37.0	36.57	36.67	36.77	36.87	36.96	37.06	37.16	37.26	37.36	37.46
38.0	37.56	37.66	37.76	37.86	37.95	38.05	38.15	38.25	38.35	38.45
39.0	38.55	38.65	38.75	38.85	38.95	39.04	39.14	39.24	39.34	39.44
40.0	39.54	39.64	39.74	39.84	39.94	40.04	40.13	40.23	40.33	40.43
41.0	40.53	40.63	40.73	40.83	40.93	41.03	41.12	41.22	41.32	41.42
42.0	41.52	41.62	41.72	41.82	41.92	42.02	42.12	42.21	42.31	42.41
43.0	42.51	42.61	42.71	42.81	42.91	43.01	43.11	43.20	43.30	43.40
44.0	43.50	43.60	43.70	43.80	43.90	44.00	44.10	44.20	44.29	44.39
45.0	44.49	44.59	44.69	44.79	44.89	44.99	45.09	45.19	45.28	45.38
46.0	45.43	45.58	45.68	45.78	45.88	45.98	46.08	46.18	46.28	46.37
47.0	46.47	46.57	46.67	46.77	46.87	46.97	47.07	47.17	47.27	47.36
48.0	47.46	47.56	47.66	47.76	47.86	47.96	48.06	48.16	48.26	48.36
49.0	48.45	48.55	48.65	48.75	48.85	48.95	49.05	49.15	49.25	49.35
50.0	49.44	49.54	49.64	49.74	49.84	49.94	50.04	50.14	50.24	50.34
51.0	50.44	50.53	50.63	50.73	50.83	50.93	51.03	51.13	51.23	51.33
52.0	51.43	51.52	51.62	51.72	51.82	51.92	52.02	52.12	52.22	52.32
53.0	52.42	52.52	52.61	52.71	52.81	52.91	53.01	53.11	53.21	53.31
54.0	53.41	53.51	53.60	53.70	53.80	53.90	54.00	54.10	54.20	54.30
55.0	54.40	54.50	54.60	54.69	54.79	54.89	54.99	55.09	55.19	55.29
56.0	55.39	55.49	55.59	55.68	55.78	55.88	55.98	56.08	56.18	56.28
57.0	56.38	56.48	56.58	56.68	56.77	56.87	56.97	57.07	57.17	57.27
58.0	57.37	57.47	57.57	57.67	57.77	57.86	57.96	58.06	58.16	58.26
59.0	58.36	58.46	58.56	58.66	58.76	58.85	58.95	59.05	59.15	59.25
60.0	59.35	59.45	59.55	59.65	59.75	59.85	59.94	60.04	60.14	60.24
61.0	60.34	60.44	60.54	60.64	60.74	60.84	60.93	61.03	61.13	61.23
62.0	61.33	61.43	61.53	61.63	61.73	61.83	61.93	62.02	62.12	62.22
63.0	62.32	62.42	62.52	62.62	62.72	62.82	62.92	63.01	63.11	63.21
64.0	63.31	63.41	63.51	63.61	63.71	63.81	63.91	64.01	64.10	64.20
65.0	64.30	64.40	64.50	64.60	64.70	64.80	64.90	65.00	65.09	65.19
66.0	65.29	65.39	65.49	65.59	65.69	65.79	65.89	65.99	66.09	66.18
67.0	66.28	66.38	66.48	66.58	66.68	66.78	66.88	66.98	67.08	67.17
68.0	67.27	67.37	67.47	67.57	67.67	67.77	67.87	67.97	68.07	68.17
69.0	68.26	68.36	68.46	68.56	68.66	68.76	68.86	68.96	69.06	69.16

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 100 PPM CAL. DATE: 12/10/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	69.25	69.35	69.45	69.55	69.65	69.75	69.85	69.95	70.05	70.15
71.0	70.25	70.34	70.44	70.54	70.64	70.74	70.84	70.94	71.04	71.14
72.0	71.24	71.33	71.43	71.53	71.63	71.73	71.83	71.93	72.03	72.13
73.0	72.23	72.33	72.42	72.52	72.62	72.72	72.82	72.92	73.02	73.12
74.0	73.22	73.32	73.41	73.51	73.61	73.71	73.81	73.91	74.01	74.11
75.0	74.21	74.31	74.41	74.50	74.60	74.70	74.80	74.90	75.00	75.10
76.0	75.20	75.30	75.40	75.50	75.59	75.69	75.79	75.89	75.99	76.09
77.0	76.19	76.29	76.39	76.49	76.58	76.68	76.78	76.88	76.98	77.08
78.0	77.18	77.28	77.38	77.48	77.58	77.67	77.77	77.87	77.97	78.07
79.0	78.17	78.27	78.37	78.47	78.57	78.66	78.76	78.86	78.96	79.06
80.0	79.16	79.26	79.36	79.46	79.56	79.66	79.75	79.85	79.95	80.05
81.0	80.15	80.25	80.35	80.45	80.55	80.65	80.74	80.84	80.94	81.04
82.0	81.14	81.24	81.34	81.44	81.54	81.64	81.74	81.83	81.93	82.03
83.0	82.13	82.23	82.33	82.43	82.53	82.63	82.73	82.82	82.92	83.02
84.0	83.12	83.22	83.32	83.42	83.52	83.62	83.72	83.82	83.91	84.01
85.0	84.11	84.21	84.31	84.41	84.51	84.61	84.71	84.81	84.90	85.00
86.0	85.10	85.20	85.30	85.40	85.50	85.60	85.70	85.80	85.90	85.99
87.0	86.09	86.19	86.29	86.39	86.49	86.59	86.69	86.79	86.89	86.98
88.0	87.08	87.18	87.28	87.38	87.48	87.58	87.68	87.78	87.88	87.98
89.0	88.07	88.17	88.27	88.37	88.47	88.57	88.67	88.77	88.87	88.97
90.0	89.06	89.16	89.26	89.36	89.46	89.56	89.66	89.76	89.86	89.96
91.0	90.06	90.15	90.25	90.35	90.45	90.55	90.65	90.75	90.85	90.95
92.0	91.05	91.15	91.24	91.34	91.44	91.54	91.64	91.74	91.84	91.94
93.0	92.04	92.14	92.23	92.33	92.43	92.53	92.63	92.73	92.83	92.93
94.0	93.03	93.13	93.23	93.32	93.42	93.52	93.62	93.72	93.82	93.92
95.0	94.02	94.12	94.22	94.31	94.41	94.51	94.61	94.71	94.81	94.91
96.0	95.01	95.11	95.21	95.31	95.40	95.50	95.60	95.70	95.80	95.90
97.0	96.00	96.10	96.20	96.30	96.39	96.49	96.59	96.69	96.79	96.89
98.0	96.99	97.09	97.19	97.29	97.39	97.48	97.58	97.68	97.78	97.88
99.0	97.98	98.08	98.18	98.28	98.38	98.47	98.57	98.67	98.77	98.87

C77

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 15 % CAL. DATE: 12/10/74

INSTRUMENT: AIA-2 TRAIN: 7-M PIC: VALENCIA

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.16882983D-01
A(1) = 0.11882845D+00
A(2) = 0.35684288D-03

C78

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-0.0		
31.5	4.0	31.5	4.1	0.1	1.753
52.0	7.2	52.0	7.1	-0.1	-1.013
81.4	12.0	81.4	12.0	0.0	0.168
96.0	14.7	96.0	14.7	-0.0	-0.005

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 15 % CAL. DATE: 12/10/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-0.02	-0.00	0.01	0.02	0.03	0.04	0.05	0.07	0.08	0.09
1.0	0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.19	0.20	0.21
2.0	0.22	0.23	0.25	0.26	0.27	0.28	0.29	0.31	0.32	0.33
3.0	0.34	0.35	0.37	0.38	0.39	0.40	0.42	0.43	0.44	0.45
4.0	0.46	0.48	0.49	0.50	0.51	0.53	0.54	0.55	0.56	0.57
5.0	0.59	0.60	0.61	0.62	0.64	0.65	0.66	0.67	0.68	0.70
6.0	0.71	0.72	0.73	0.75	0.76	0.77	0.78	0.80	0.81	0.82
7.0	0.83	0.84	0.86	0.87	0.88	0.89	0.91	0.92	0.93	0.94
8.0	0.96	0.97	0.98	0.99	1.01	1.02	1.03	1.04	1.06	1.07
9.0	1.08	1.09	1.11	1.12	1.13	1.14	1.16	1.17	1.18	1.19
10.0	1.21	1.22	1.23	1.24	1.26	1.27	1.28	1.30	1.31	1.32
11.0	1.33	1.35	1.36	1.37	1.38	1.40	1.41	1.42	1.43	1.45
12.0	1.46	1.47	1.49	1.50	1.51	1.52	1.54	1.55	1.56	1.58
13.0	1.59	1.60	1.61	1.63	1.64	1.65	1.67	1.68	1.69	1.70
14.0	1.72	1.73	1.74	1.76	1.77	1.78	1.79	1.81	1.82	1.83
15.0	1.85	1.86	1.87	1.88	1.90	1.91	1.92	1.94	1.95	1.96
16.0	1.98	1.99	2.00	2.01	2.03	2.04	2.05	2.07	2.08	2.09
17.0	2.11	2.12	2.13	2.15	2.16	2.17	2.19	2.20	2.21	2.22
18.0	2.24	2.25	2.26	2.28	2.29	2.30	2.32	2.33	2.34	2.36
19.0	2.37	2.38	2.40	2.41	2.42	2.44	2.45	2.46	2.48	2.49
20.0	2.50	2.52	2.53	2.54	2.56	2.57	2.58	2.60	2.61	2.62
21.0	2.64	2.65	2.66	2.68	2.69	2.70	2.72	2.73	2.74	2.76
22.0	2.77	2.78	2.80	2.81	2.82	2.84	2.85	2.86	2.88	2.89
23.0	2.90	2.92	2.93	2.95	2.96	2.97	2.99	3.00	3.01	3.03
24.0	3.04	3.05	3.07	3.08	3.09	3.11	3.12	3.14	3.15	3.16
25.0	3.18	3.19	3.20	3.22	3.23	3.25	3.26	3.27	3.29	3.30
26.0	3.31	3.33	3.34	3.36	3.37	3.38	3.40	3.41	3.42	3.44
27.0	3.45	3.47	3.48	3.49	3.51	3.52	3.53	3.55	3.56	3.58
28.0	3.59	3.60	3.62	3.63	3.65	3.66	3.67	3.69	3.70	3.72
29.0	3.73	3.74	3.76	3.77	3.79	3.80	3.81	3.83	3.84	3.86
30.0	3.87	3.88	3.90	3.91	3.93	3.94	3.95	3.97	3.98	4.00
31.0	4.01	4.02	4.04	4.05	4.07	4.08	4.09	4.11	4.12	4.14
32.0	4.15	4.17	4.18	4.19	4.21	4.22	4.24	4.25	4.26	4.28
33.0	4.29	4.31	4.32	4.34	4.35	4.36	4.38	4.39	4.41	4.42
34.0	4.44	4.45	4.46	4.48	4.49	4.51	4.52	4.54	4.55	4.56

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 15 % CAL. DATE: 12/10/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	4.58	4.59	4.61	4.62	4.64	4.65	4.67	4.68	4.69	4.71
36.0	4.72	4.74	4.75	4.77	4.78	4.80	4.81	4.82	4.84	4.85
37.0	4.87	4.88	4.90	4.91	4.93	4.94	4.96	4.97	4.98	5.00
38.0	5.01	5.03	5.04	5.06	5.07	5.09	5.10	5.12	5.13	5.15
39.0	5.16	5.17	5.19	5.20	5.22	5.23	5.25	5.26	5.28	5.29
40.0	5.31	5.32	5.34	5.35	5.37	5.38	5.40	5.41	5.43	5.44
41.0	5.45	5.47	5.48	5.50	5.51	5.53	5.54	5.56	5.57	5.59
42.0	5.60	5.62	5.63	5.65	5.66	5.68	5.69	5.71	5.72	5.74
43.0	5.75	5.77	5.78	5.80	5.81	5.83	5.84	5.86	5.87	5.89
44.0	5.90	5.92	5.93	5.95	5.96	5.98	5.99	6.01	6.02	6.04
45.0	6.05	6.07	6.08	6.10	6.11	6.13	6.14	6.16	6.17	6.19
46.0	6.20	6.22	6.23	6.25	6.27	6.28	6.30	6.31	6.33	6.34
47.0	6.36	6.37	6.39	6.40	6.42	6.43	6.45	6.46	6.48	6.49
48.0	6.51	6.52	6.54	6.56	6.57	6.59	6.60	6.62	6.63	6.65
49.0	6.66	6.68	6.69	6.71	6.72	6.74	6.75	6.77	6.79	6.80
50.0	6.82	6.83	6.85	6.86	6.88	6.89	6.91	6.92	6.94	6.96
51.0	6.97	6.99	7.00	7.02	7.03	7.05	7.06	7.08	7.10	7.11
52.0	7.13	7.14	7.16	7.17	7.19	7.21	7.22	7.24	7.25	7.27
53.0	7.28	7.30	7.31	7.33	7.35	7.36	7.38	7.39	7.41	7.42
54.0	7.44	7.46	7.47	7.49	7.50	7.52	7.53	7.55	7.57	7.58
55.0	7.60	7.61	7.63	7.65	7.66	7.68	7.69	7.71	7.72	7.74
56.0	7.76	7.77	7.79	7.80	7.82	7.84	7.85	7.87	7.88	7.90
57.0	7.92	7.93	7.95	7.96	7.98	8.00	8.01	8.03	8.04	8.06
58.0	8.08	8.09	8.11	8.12	8.14	8.16	8.17	8.19	8.20	8.22
59.0	8.24	8.25	8.27	8.28	8.30	8.32	8.33	8.35	8.37	8.38
60.0	8.40	8.41	8.43	8.45	8.46	8.48	8.49	8.51	8.53	8.54
61.0	8.56	8.58	8.59	8.61	8.62	8.64	8.66	8.67	8.69	8.71
62.0	8.72	8.74	8.75	8.77	8.79	8.80	8.82	8.84	8.85	8.87
63.0	8.89	8.90	8.92	8.93	8.95	8.97	8.98	9.00	9.02	9.03
64.0	9.05	9.07	9.08	9.10	9.12	9.13	9.15	9.17	9.18	9.20
65.0	9.21	9.23	9.25	9.26	9.28	9.30	9.31	9.33	9.35	9.36
66.0	9.38	9.40	9.41	9.43	9.45	9.46	9.48	9.50	9.51	9.53
67.0	9.55	9.56	9.58	9.60	9.61	9.63	9.65	9.66	9.68	9.70
68.0	9.71	9.73	9.75	9.76	9.78	9.80	9.81	9.83	9.85	9.86
69.0	9.88	9.90	9.91	9.93	9.95	9.97	9.98	10.00	10.02	10.03

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 15 % CAL. DATE: 12/10/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	10.05	10.07	10.08	10.10	10.12	10.13	10.15	10.17	10.18	10.20
71.0	10.22	10.24	10.25	10.27	10.29	10.30	10.32	10.34	10.35	10.37
72.0	10.39	10.41	10.42	10.44	10.46	10.47	10.49	10.51	10.53	10.54
73.0	10.56	10.58	10.59	10.61	10.63	10.64	10.66	10.68	10.70	10.71
74.0	10.73	10.75	10.76	10.78	10.80	10.82	10.83	10.85	10.87	10.89
75.0	10.90	10.92	10.94	10.95	10.97	10.99	11.01	11.02	11.04	11.06
76.0	11.08	11.09	11.11	11.13	11.14	11.16	11.18	11.20	11.21	11.23
77.0	11.25	11.27	11.28	11.30	11.32	11.34	11.35	11.37	11.39	11.41
78.0	11.42	11.44	11.46	11.48	11.49	11.51	11.53	11.55	11.56	11.58
79.0	11.60	11.62	11.63	11.65	11.67	11.69	11.70	11.72	11.74	11.76
80.0	11.77	11.79	11.81	11.83	11.84	11.86	11.88	11.90	11.91	11.93
81.0	11.95	11.97	11.98	12.00	12.02	12.04	12.06	12.07	12.09	12.11
82.0	12.13	12.14	12.16	12.18	12.20	12.22	12.23	12.25	12.27	12.29
83.0	12.30	12.32	12.34	12.36	12.38	12.39	12.41	12.43	12.45	12.46
84.0	12.48	12.50	12.52	12.54	12.55	12.57	12.59	12.61	12.63	12.64
85.0	12.66	12.68	12.70	12.72	12.73	12.75	12.77	12.79	12.81	12.82
86.0	12.84	12.86	12.88	12.90	12.91	12.93	12.95	12.97	12.99	13.00
87.0	13.02	13.04	13.06	13.08	13.09	13.11	13.13	13.15	13.17	13.19
88.0	13.20	13.22	13.24	13.26	13.28	13.29	13.31	13.33	13.35	13.37
89.0	13.39	13.40	13.42	13.44	13.46	13.48	13.49	13.51	13.53	13.55
90.0	13.57	13.59	13.60	13.62	13.64	13.66	13.68	13.70	13.71	13.73
91.0	13.75	13.77	13.79	13.81	13.83	13.84	13.86	13.88	13.90	13.92
92.0	13.94	13.95	13.97	13.99	14.01	14.03	14.05	14.06	14.08	14.10
93.0	14.12	14.14	14.16	14.18	14.19	14.21	14.23	14.25	14.27	14.29
94.0	14.31	14.32	14.34	14.36	14.38	14.40	14.42	14.44	14.46	14.47
95.0	14.49	14.51	14.53	14.55	14.57	14.59	14.60	14.62	14.64	14.66
96.0	14.68	14.70	14.72	14.74	14.75	14.77	14.79	14.81	14.83	14.85
97.0	14.87	14.89	14.90	14.92	14.94	14.96	14.98	15.00	15.02	15.04
98.0	15.06	15.07	15.09	15.11	15.13	15.15	15.17	15.19	15.21	15.23
99.0	15.24	15.26	15.28	15.30	15.32	15.34	15.36	15.38	15.40	15.42

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 2500 PPM CAL. DATE: 12/10/74

INSTRUMENT: TECO-CL TRAIN: 7-M PIC: VALENCIA

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = 0.57252822D+01
A(1) = 0.24761090D+02
A(2) = -0.44628981D-02

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CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	5.7		
9.2	234.0	9.2	233.1	-0.9	-0.363
24.7	618.0	24.7	614.6	-3.4	-0.550
34.4	854.0	34.4	852.2	-1.8	-0.208
39.3	981.0	39.3	971.9	-9.1	-0.923
77.5	1878.0	77.5	1897.9	19.9	1.060
98.0	2400.0	98.0	2389.5	-10.5	-0.440

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 2500 PPM CAL. DATE: 12/10/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	5.73	8.20	10.68	13.15	15.63	18.10	20.58	23.06	25.53	28.01
1.0	30.48	32.96	35.43	37.91	40.38	42.86	45.33	47.81	50.28	52.76
2.0	55.23	57.70	60.18	62.65	65.13	67.60	70.07	72.55	75.02	77.49
3.0	79.97	82.44	84.92	87.39	89.86	92.33	94.81	97.28	99.75	102.23
4.0	104.70	107.17	109.64	112.12	114.59	117.06	119.53	122.00	124.48	126.95
5.0	129.42	131.89	134.36	136.83	139.31	141.78	144.25	146.72	149.19	151.66
6.0	154.13	156.60	159.07	161.54	164.01	166.48	168.95	171.42	173.89	176.36
7.0	178.83	181.30	183.77	186.24	188.71	191.18	193.65	196.12	198.59	201.06
8.0	203.53	206.00	208.47	210.93	213.40	215.87	218.34	220.81	223.28	225.75
9.0	228.21	230.68	233.15	235.62	238.09	240.55	243.02	245.49	247.96	250.42
10.0	252.89	255.36	257.82	260.29	262.76	265.22	267.69	270.16	272.62	275.09
11.0	277.56	280.02	282.49	284.96	287.42	289.89	292.35	294.82	297.28	299.75
12.0	302.22	304.68	307.15	309.61	312.08	314.54	317.01	319.47	321.94	324.40
13.0	326.87	329.33	331.79	334.26	336.72	339.19	341.65	344.11	346.58	349.04
14.0	351.51	353.97	356.43	358.90	361.36	363.82	366.29	368.75	371.21	373.67
15.0	376.14	378.60	381.06	383.53	385.99	388.45	390.91	393.37	395.84	398.30
16.0	400.76	403.22	405.68	408.15	410.61	413.07	415.53	417.99	420.45	422.91
17.0	425.37	427.83	430.30	432.76	435.22	437.68	440.14	442.60	445.06	447.52
18.0	449.98	452.44	454.90	457.36	459.82	462.28	464.74	467.20	469.66	472.12
19.0	474.57	477.03	479.49	481.95	484.41	486.87	489.33	491.79	494.25	496.70
20.0	499.16	501.62	504.08	506.54	508.99	511.45	513.91	516.37	518.83	521.28
21.0	523.74	526.20	528.65	531.11	533.57	536.03	538.48	540.94	543.40	545.85
22.0	548.31	550.77	553.22	555.68	558.13	560.59	563.05	565.50	567.96	570.41
23.0	572.87	575.32	577.78	580.24	582.69	585.15	587.60	590.06	592.51	594.97
24.0	597.42	599.88	602.33	604.78	607.24	609.69	612.15	614.60	617.06	619.51
25.0	621.96	624.42	626.87	629.32	631.78	634.23	636.68	639.14	641.59	644.04
26.0	646.50	648.95	651.40	653.85	656.31	658.76	661.21	663.66	666.12	668.57
27.0	671.02	673.47	675.93	678.38	680.83	683.28	685.73	688.18	690.63	693.09
28.0	695.54	697.99	700.44	702.89	705.34	707.79	710.24	712.69	715.14	717.59
29.0	720.04	722.49	724.94	727.39	729.84	732.29	734.74	737.19	739.64	742.09
30.0	744.54	746.99	749.44	751.89	754.34	756.79	759.24	761.68	764.13	766.58
31.0	769.03	771.48	773.93	776.38	778.82	781.27	783.72	786.17	788.61	791.06
32.0	793.51	795.96	798.41	800.85	803.30	805.75	808.19	810.64	813.09	815.53
33.0	817.98	820.43	822.87	825.32	827.77	830.21	832.66	835.11	837.55	840.00
34.0	842.44	844.89	847.33	849.78	852.23	854.67	857.12	859.56	862.01	864.45

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 2500 PPM CAL. DATE: 12/10/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	866.90	869.34	871.79	874.23	876.68	879.12	881.56	884.01	886.45	888.90
36.0	891.34	893.78	896.23	898.67	901.12	903.56	906.00	908.45	910.89	913.33
37.0	915.78	918.22	920.66	923.10	925.55	927.99	930.43	932.88	935.32	937.76
38.0	940.20	942.64	945.09	947.53	949.97	952.41	954.85	957.30	959.74	962.18
39.0	964.62	967.06	969.50	971.94	974.38	976.83	979.27	981.71	984.15	986.59
40.0	989.03	991.47	993.91	996.35	998.79	1001.23	1003.67	1006.11	1008.55	1010.99
41.0	1013.43	1015.87	1018.31	1020.75	1023.19	1025.62	1028.06	1030.50	1032.94	1035.38
42.0	1037.82	1040.26	1042.70	1045.13	1047.57	1050.01	1052.45	1054.89	1057.32	1059.76
43.0	1062.20	1064.64	1067.08	1069.51	1071.95	1074.39	1076.83	1079.26	1081.70	1084.14
44.0	1086.57	1089.01	1091.45	1093.88	1096.32	1098.76	1101.19	1103.63	1106.06	1108.50
45.0	1110.94	1113.37	1115.81	1118.24	1120.68	1123.12	1125.55	1127.99	1130.42	1132.86
46.0	1135.29	1137.73	1140.16	1142.60	1145.03	1147.47	1149.90	1152.34	1154.77	1157.20
47.0	1159.64	1162.07	1164.51	1166.94	1169.37	1171.81	1174.24	1176.68	1179.11	1181.54
48.0	1183.98	1186.41	1188.84	1191.27	1193.71	1196.14	1198.57	1201.01	1203.44	1205.87
49.0	1208.30	1210.74	1213.17	1215.60	1218.03	1220.46	1222.90	1225.33	1227.76	1230.19
50.0	1232.62	1235.05	1237.49	1239.92	1242.35	1244.78	1247.21	1249.64	1252.07	1254.50
51.0	1256.93	1259.36	1261.79	1264.22	1266.65	1269.08	1271.51	1273.95	1276.37	1278.80
52.0	1281.23	1283.66	1286.09	1288.52	1290.95	1293.38	1295.81	1298.24	1300.67	1303.10
53.0	1305.53	1307.96	1310.38	1312.81	1315.24	1317.67	1320.10	1322.53	1324.95	1327.38
54.0	1329.81	1332.24	1334.67	1337.09	1339.52	1341.95	1344.38	1346.80	1349.23	1351.66
55.0	1354.09	1356.51	1358.94	1361.37	1363.79	1366.22	1368.65	1371.07	1373.50	1375.92
56.0	1378.35	1380.78	1383.20	1385.63	1388.05	1390.48	1392.91	1395.33	1397.76	1400.18
57.0	1402.61	1405.03	1407.46	1409.88	1412.31	1414.73	1417.16	1419.58	1422.01	1424.43
58.0	1426.86	1429.28	1431.70	1434.13	1436.55	1438.98	1441.40	1443.82	1446.25	1448.67
59.0	1451.09	1453.52	1455.94	1458.36	1460.79	1463.21	1465.63	1468.06	1470.48	1472.90
60.0	1475.32	1477.75	1480.17	1482.59	1485.01	1487.44	1489.86	1492.28	1494.70	1497.12
61.0	1499.55	1501.97	1504.39	1506.81	1509.23	1511.65	1514.07	1516.50	1518.92	1521.34
62.0	1523.76	1526.18	1528.60	1531.02	1533.44	1535.86	1538.28	1540.70	1543.12	1545.54
63.0	1547.96	1550.38	1552.80	1555.22	1557.64	1560.06	1562.48	1564.90	1567.32	1569.74
64.0	1572.16	1574.57	1576.99	1579.41	1581.83	1584.25	1586.67	1589.09	1591.50	1593.92
65.0	1596.34	1598.76	1601.18	1603.59	1606.01	1608.43	1610.85	1613.27	1615.68	1618.10
66.0	1620.52	1622.93	1625.35	1627.77	1630.19	1632.60	1635.02	1637.44	1639.85	1642.27
67.0	1644.68	1647.10	1649.52	1651.93	1654.35	1656.77	1659.18	1661.60	1664.01	1666.43
68.0	1668.84	1671.26	1673.67	1676.09	1678.50	1680.92	1683.33	1685.75	1688.16	1690.58
69.0	1692.99	1695.41	1697.82	1700.24	1702.65	1705.06	1707.48	1709.89	1712.31	1714.72

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 2500 PPM CAL. DATE: 12/10/74

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	1717.13	1719.55	1721.96	1724.37	1726.79	1729.20	1731.61	1734.03	1736.44	1738.85
71.0	1741.27	1743.68	1746.09	1748.50	1750.92	1753.33	1755.74	1758.15	1760.56	1762.98
72.0	1765.39	1767.80	1770.21	1772.62	1775.04	1777.45	1779.86	1782.27	1784.68	1787.09
73.0	1789.50	1791.91	1794.32	1796.73	1799.15	1801.56	1803.97	1806.38	1808.79	1811.20
74.0	1813.61	1816.02	1818.43	1820.84	1823.25	1825.66	1828.07	1830.48	1832.89	1835.29
75.0	1837.70	1840.11	1842.52	1844.93	1847.34	1849.75	1852.16	1854.57	1856.97	1859.38
76.0	1861.79	1864.20	1866.61	1869.02	1871.42	1873.83	1876.24	1878.65	1881.05	1883.46
77.0	1885.87	1888.28	1890.66	1893.09	1895.50	1897.90	1900.31	1902.72	1905.13	1907.53
78.0	1909.94	1912.34	1914.75	1917.16	1919.56	1921.97	1924.38	1926.78	1929.19	1931.59
79.0	1934.00	1936.40	1938.81	1941.22	1943.62	1946.03	1948.43	1950.84	1953.24	1955.65
80.0	1958.05	1960.45	1962.86	1965.26	1967.67	1970.07	1972.48	1974.88	1977.29	1979.69
81.0	1982.09	1984.50	1986.90	1989.30	1991.71	1994.11	1996.51	1998.92	2001.32	2003.72
82.0	2006.13	2008.53	2010.93	2013.33	2015.74	2018.14	2020.54	2022.94	2025.35	2027.75
83.0	2030.15	2032.55	2034.96	2037.36	2039.76	2042.16	2044.56	2046.96	2049.36	2051.77
84.0	2054.17	2056.57	2058.97	2061.37	2063.77	2066.17	2068.57	2070.97	2073.37	2075.77
85.0	2078.17	2080.57	2082.97	2085.37	2087.77	2090.17	2092.57	2094.97	2097.37	2099.77
86.0	2102.17	2104.57	2106.97	2109.37	2111.77	2114.17	2116.57	2118.97	2121.36	2123.76
87.0	2126.16	2128.56	2130.96	2133.36	2135.75	2138.15	2140.55	2142.95	2145.35	2147.74
88.0	2150.14	2152.54	2154.94	2157.33	2159.73	2162.13	2164.52	2166.92	2169.32	2171.72
89.0	2174.11	2176.51	2178.91	2181.30	2183.70	2186.09	2188.49	2190.89	2193.28	2195.68
90.0	2198.07	2200.47	2202.87	2205.26	2207.66	2210.05	2212.45	2214.84	2217.24	2219.63
91.0	2222.03	2224.42	2226.82	2229.21	2231.61	2234.00	2236.40	2238.79	2241.18	2243.58
92.0	2245.97	2248.37	2250.76	2253.15	2255.55	2257.94	2260.33	2262.73	2265.12	2267.51
93.0	2269.91	2272.30	2274.69	2277.09	2279.48	2281.87	2284.26	2286.66	2289.05	2291.44
94.0	2293.83	2296.23	2298.62	2301.01	2303.40	2305.79	2308.19	2310.58	2312.97	2315.36
95.0	2317.75	2320.14	2322.53	2324.93	2327.32	2329.71	2332.10	2334.49	2336.88	2339.27
96.0	2341.66	2344.05	2346.44	2348.83	2351.22	2353.61	2356.00	2358.39	2360.78	2363.17
97.0	2365.56	2367.95	2370.34	2372.73	2375.12	2377.51	2379.90	2382.28	2384.67	2387.06
98.0	2389.45	2391.84	2394.23	2396.62	2399.00	2401.39	2403.78	2406.17	2408.56	2410.95
99.0	2413.33	2415.72	2418.11	2420.50	2422.88	2425.27	2427.66	2430.04	2432.43	2434.82

C85

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 100 PPM CAL. DATE: 01/22/75 PAGE 1 OF 4

INSTRUMENT: FID-116 TRAIN: MASS PIC: MALLOW

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 545) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = 0.951348370-01
A(1) = 0.100010200+01

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	0.1		
49.2	49.5	49.2	49.3	-0.2	-0.404
93.9	93.9	93.9	94.0	0.1	0.112

C82

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 100 PPM CAL. DATE: 01/22/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
1.0	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00
2.0	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	3.00
3.0	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	4.00
4.0	4.10	4.20	4.30	4.40	4.50	4.60	4.70	4.80	4.90	5.00
5.0	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	6.00
6.0	6.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	7.00
7.0	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	8.00
8.0	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90	9.00
9.0	9.10	9.20	9.30	9.40	9.50	9.60	9.70	9.80	9.90	10.00
10.0	10.10	10.20	10.30	10.40	10.50	10.60	10.70	10.80	10.90	11.00
11.0	11.10	11.20	11.30	11.40	11.50	11.60	11.70	11.80	11.90	12.00
12.0	12.10	12.20	12.30	12.40	12.50	12.60	12.70	12.80	12.90	13.00
13.0	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90	14.00
14.0	14.10	14.20	14.30	14.40	14.50	14.60	14.70	14.80	14.90	15.00
15.0	15.10	15.20	15.30	15.40	15.50	15.60	15.70	15.80	15.90	16.00
16.0	16.10	16.20	16.30	16.40	16.50	16.60	16.70	16.80	16.90	17.00
17.0	17.10	17.20	17.30	17.40	17.50	17.60	17.70	17.80	17.90	18.00
18.0	18.10	18.20	18.30	18.40	18.50	18.60	18.70	18.80	18.90	19.00
19.0	19.10	19.20	19.30	19.40	19.50	19.60	19.70	19.80	19.90	20.00
20.0	20.10	20.20	20.30	20.40	20.50	20.60	20.70	20.80	20.90	21.00
21.0	21.10	21.20	21.30	21.40	21.50	21.60	21.70	21.80	21.90	22.00
22.0	22.10	22.20	22.30	22.40	22.50	22.60	22.70	22.80	22.90	23.00
23.0	23.10	23.20	23.30	23.40	23.50	23.60	23.70	23.80	23.90	24.00
24.0	24.10	24.20	24.30	24.40	24.50	24.60	24.70	24.80	24.90	25.00
25.0	25.10	25.20	25.30	25.40	25.50	25.60	25.70	25.80	25.90	26.00
26.0	26.10	26.20	26.30	26.40	26.50	26.60	26.70	26.80	26.90	27.00
27.0	27.10	27.20	27.30	27.40	27.50	27.60	27.70	27.80	27.90	28.00
28.0	28.10	28.20	28.30	28.40	28.50	28.60	28.70	28.80	28.90	29.00
29.0	29.10	29.20	29.30	29.40	29.50	29.60	29.70	29.30	29.90	30.00
30.0	30.10	30.20	30.30	30.40	30.50	30.60	30.70	30.80	30.90	31.00
31.0	31.10	31.20	31.30	31.40	31.50	31.60	31.70	31.80	31.90	32.00
32.0	32.10	32.20	32.30	32.40	32.50	32.60	32.70	32.80	32.90	33.00
33.0	33.10	33.20	33.30	33.40	33.50	33.60	33.70	33.80	33.90	34.00
34.0	34.10	34.20	34.30	34.40	34.50	34.60	34.70	34.80	34.90	35.00

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 100 PPM CAL. DATE: 01/22/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	35.10	35.20	35.30	35.40	35.50	35.60	35.70	35.80	35.90	36.00
36.0	36.10	36.20	36.30	36.40	36.50	36.60	36.70	36.80	36.90	37.00
37.0	37.10	37.20	37.30	37.40	37.50	37.60	37.70	37.80	37.90	38.00
38.0	38.10	38.20	38.30	38.40	38.50	38.60	38.70	38.80	38.90	39.00
39.0	39.10	39.20	39.30	39.40	39.50	39.60	39.70	39.80	39.90	40.00
40.0	40.10	40.20	40.30	40.40	40.50	40.60	40.70	40.80	40.90	41.00
41.0	41.10	41.20	41.30	41.40	41.50	41.60	41.70	41.80	41.90	42.00
42.0	42.10	42.20	42.30	42.40	42.50	42.60	42.70	42.80	42.90	43.00
43.0	43.10	43.20	43.30	43.40	43.50	43.60	43.70	43.80	43.90	44.00
44.0	44.10	44.20	44.30	44.40	44.50	44.60	44.70	44.80	44.90	45.00
45.0	45.10	45.20	45.30	45.40	45.50	45.60	45.70	45.80	45.90	46.00
46.0	46.10	46.20	46.30	46.40	46.50	46.60	46.70	46.80	46.90	47.00
47.0	47.10	47.20	47.30	47.40	47.50	47.60	47.70	47.80	47.90	48.00
48.0	48.10	48.20	48.30	48.40	48.50	48.60	48.70	48.80	48.90	49.00
49.0	49.10	49.20	49.30	49.40	49.50	49.60	49.70	49.80	49.90	50.00
50.0	50.10	50.20	50.30	50.40	50.50	50.60	50.70	50.80	50.90	51.00
51.0	51.10	51.20	51.30	51.40	51.50	51.60	51.70	51.80	51.90	52.00
52.0	52.10	52.20	52.30	52.40	52.50	52.60	52.70	52.80	52.90	53.00
53.0	53.10	53.20	53.30	53.40	53.50	53.60	53.70	53.80	53.90	54.00
54.0	54.10	54.20	54.30	54.40	54.50	54.60	54.70	54.80	54.90	55.00
55.0	55.10	55.20	55.30	55.40	55.50	55.60	55.70	55.80	55.90	56.00
56.0	56.10	56.20	56.30	56.40	56.50	56.60	56.70	56.80	56.90	57.00
57.0	57.10	57.20	57.30	57.40	57.50	57.60	57.70	57.80	57.90	58.00
58.0	58.10	58.20	58.30	58.40	58.50	58.60	58.70	58.80	58.90	59.00
59.0	59.10	59.20	59.30	59.40	59.50	59.60	59.70	59.80	59.90	60.00
60.0	60.10	60.20	60.30	60.40	60.50	60.60	60.70	60.80	60.90	61.00
61.0	61.10	61.20	61.30	61.40	61.50	61.60	61.70	61.80	61.90	62.00
62.0	62.10	62.20	62.30	62.40	62.50	62.60	62.70	62.80	62.90	63.00
63.0	63.10	63.20	63.30	63.40	63.50	63.60	63.70	63.80	63.90	64.00
64.0	64.10	64.20	64.30	64.40	64.50	64.60	64.70	64.80	64.90	65.00
65.0	65.10	65.20	65.30	65.40	65.50	65.60	65.70	65.80	65.90	66.00
66.0	66.10	66.20	66.30	66.40	66.50	66.60	66.70	66.80	66.90	67.00
67.0	67.10	67.20	67.30	67.40	67.50	67.60	67.70	67.80	67.90	68.00
68.0	68.10	68.20	68.30	68.40	68.50	68.60	68.70	68.80	68.90	69.00
69.0	69.10	69.20	69.30	69.40	69.50	69.60	69.70	69.80	69.90	70.00

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 100 PPM CAL. DATE: 01/22/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	70.10	70.20	70.30	70.40	70.50	70.60	70.70	70.80	70.90	71.00
71.0	71.10	71.20	71.30	71.40	71.50	71.60	71.70	71.80	71.90	72.00
72.0	72.10	72.20	72.30	72.40	72.50	72.60	72.70	72.80	72.90	73.00
73.0	73.10	73.20	73.30	73.40	73.50	73.60	73.70	73.80	73.90	74.00
74.0	74.10	74.20	74.30	74.40	74.50	74.60	74.70	74.80	74.90	75.00
75.0	75.10	75.20	75.30	75.40	75.50	75.60	75.70	75.80	75.90	76.00
76.0	76.10	76.20	76.30	76.40	76.50	76.60	76.70	76.80	76.90	77.00
77.0	77.10	77.20	77.30	77.40	77.50	77.60	77.70	77.80	77.90	78.00
78.0	78.10	78.20	78.30	78.40	78.50	78.60	78.70	78.80	78.90	79.00
79.0	79.10	79.20	79.30	79.40	79.50	79.60	79.70	79.80	79.90	80.00
80.0	80.10	80.20	80.30	80.40	80.50	80.60	80.70	80.80	80.90	81.00
81.0	81.10	81.20	81.30	81.40	81.50	81.60	81.70	81.80	81.90	82.00
82.0	82.10	82.20	82.30	82.40	82.50	82.60	82.70	82.80	82.90	83.00
83.0	83.10	83.20	83.30	83.40	83.50	83.60	83.70	83.80	83.90	84.00
84.0	84.10	84.20	84.30	84.40	84.50	84.60	84.70	84.80	84.90	85.00
85.0	85.10	85.20	85.30	85.40	85.50	85.60	85.70	85.80	85.90	86.00
86.0	86.10	86.20	86.30	86.40	86.50	86.60	86.70	86.80	86.90	87.00
87.0	87.10	87.20	87.30	87.40	87.50	87.60	87.70	87.80	87.90	88.00
88.0	88.10	88.20	88.30	88.40	88.50	88.60	88.70	88.80	88.90	89.00
89.0	89.10	89.20	89.30	89.40	89.50	89.60	89.70	89.80	89.90	90.00
90.0	90.10	90.20	90.30	90.40	90.50	90.60	90.70	90.80	90.90	91.00
91.0	91.10	91.20	91.30	91.40	91.50	91.60	91.70	91.80	91.90	92.00
92.0	92.10	92.20	92.30	92.40	92.50	92.60	92.70	92.80	92.90	93.00
93.0	93.10	93.20	93.30	93.40	93.50	93.60	93.70	93.80	93.90	94.00
94.0	94.10	94.20	94.30	94.40	94.50	94.60	94.70	94.80	94.90	95.00
95.0	95.10	95.20	95.30	95.40	95.50	95.60	95.70	95.80	95.90	96.00
96.0	96.10	96.20	96.30	96.40	96.50	96.60	96.71	96.81	96.91	97.01
97.0	97.11	97.21	97.31	97.41	97.51	97.61	97.71	97.81	97.91	98.01
98.0	98.11	98.21	98.31	98.41	98.51	98.61	98.71	98.81	98.91	99.01
99.0	99.11	99.21	99.31	99.41	99.51	99.61	99.71	99.81	99.91	100.01

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 300 PPM CAL. DATE: 01/14/75

INSTRUMENT: FID-116 TRAIN: MASS PIC: MCMILLEN

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.540742780+00
A(1) = 0.300140830+01

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-0.5		
59.0	175.2	59.0	176.5	1.3	0.766
98.8	296.8	98.8	296.0	-0.8	-0.270

C90

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 300 PPM CAL. DATE: 01/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-0.54	-0.24	0.06	0.36	0.66	0.96	1.26	1.56	1.86	2.16
1.0	2.46	2.76	3.06	3.36	3.66	3.96	4.26	4.56	4.86	5.16
2.0	5.46	5.76	6.06	6.36	6.66	6.96	7.26	7.56	7.86	8.16
3.0	8.46	8.76	9.06	9.36	9.66	9.96	10.26	10.56	10.86	11.16
4.0	11.46	11.77	12.07	12.37	12.67	12.97	13.27	13.57	13.87	14.17
5.0	14.47	14.77	15.07	15.37	15.67	15.97	16.27	16.57	16.87	17.17
6.0	17.47	17.77	18.07	18.37	18.67	18.97	19.27	19.57	19.87	20.17
7.0	20.47	20.77	21.07	21.37	21.67	21.97	22.27	22.57	22.87	23.17
8.0	23.47	23.77	24.07	24.37	24.67	24.97	25.27	25.57	25.87	26.17
9.0	26.47	26.77	27.07	27.37	27.67	27.97	28.27	28.57	28.87	29.17
10.0	29.47	29.77	30.07	30.37	30.67	30.97	31.27	31.57	31.87	32.17
11.0	32.47	32.77	33.08	33.38	33.68	33.98	34.28	34.58	34.88	35.18
12.0	35.48	35.78	36.08	36.38	36.68	36.98	37.28	37.58	37.88	38.18
13.0	38.48	38.78	39.08	39.38	39.68	39.98	40.28	40.58	40.88	41.18
14.0	41.48	41.78	42.08	42.38	42.68	42.98	43.28	43.58	43.88	44.18
15.0	44.48	44.78	45.08	45.38	45.68	45.98	46.28	46.58	46.88	47.18
16.0	47.48	47.78	48.08	48.38	48.68	48.98	49.28	49.58	49.88	50.18
17.0	50.48	50.78	51.08	51.38	51.68	51.98	52.28	52.58	52.88	53.18
18.0	53.48	53.78	54.08	54.39	54.69	54.99	55.29	55.59	55.89	56.19
19.0	56.49	56.79	57.09	57.39	57.69	57.99	58.29	58.59	58.89	59.19
20.0	59.49	59.79	60.09	60.39	60.69	60.99	61.29	61.59	61.89	62.19
21.0	62.49	62.79	63.09	63.39	63.69	63.99	64.29	64.59	64.89	65.19
22.0	65.49	65.79	66.09	66.39	66.69	66.99	67.29	67.59	67.89	68.19
23.0	68.49	68.79	69.09	69.39	69.69	69.99	70.29	70.59	70.89	71.19
24.0	71.49	71.79	72.09	72.39	72.69	72.99	73.29	73.59	73.89	74.19
25.0	74.49	74.79	75.09	75.39	75.70	76.00	76.30	76.60	76.90	77.20
26.0	77.50	77.80	78.10	78.40	78.70	79.00	79.30	79.60	79.90	80.20
27.0	80.50	80.80	81.10	81.40	81.70	82.00	82.30	82.60	82.90	83.20
28.0	83.50	83.80	84.10	84.40	84.70	85.00	85.30	85.60	85.90	86.20
29.0	86.50	86.80	87.10	87.40	87.70	88.00	88.30	88.60	88.90	89.20
30.0	89.50	89.80	90.10	90.40	90.70	91.00	91.30	91.60	91.90	92.20
31.0	92.50	92.80	93.10	93.40	93.70	94.00	94.30	94.60	94.90	95.20
32.0	95.50	95.80	96.10	96.40	96.70	97.01	97.31	97.61	97.91	98.21
33.0	98.51	98.81	99.11	99.41	99.71	100.01	100.31	100.61	100.91	101.21
34.0	101.51	101.81	102.11	102.41	102.71	103.01	103.31	103.61	103.91	104.21

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 300 PPM CAL. DATE: 01/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	104.51	104.81	105.11	105.41	105.71	106.01	106.31	106.61	106.91	107.21
36.0	107.51	107.81	108.11	108.41	108.71	109.01	109.31	109.61	109.91	110.21
37.0	110.51	110.81	111.11	111.41	111.71	112.01	112.31	112.61	112.91	113.21
38.0	113.51	113.81	114.11	114.41	114.71	115.01	115.31	115.61	115.91	116.21
39.0	116.51	116.81	117.11	117.41	117.71	118.01	118.32	118.62	118.92	119.22
40.0	119.52	119.82	120.12	120.42	120.72	121.02	121.32	121.62	121.92	122.22
41.0	122.52	122.82	123.12	123.42	123.72	124.02	124.32	124.62	124.92	125.22
42.0	125.52	125.82	126.12	126.42	126.72	127.02	127.32	127.62	127.92	128.22
43.0	128.52	128.82	129.12	129.42	129.72	130.02	130.32	130.62	130.92	131.22
44.0	131.52	131.82	132.12	132.42	132.72	133.02	133.32	133.62	133.92	134.22
45.0	134.52	134.82	135.12	135.42	135.72	136.02	136.32	136.62	136.92	137.22
46.0	137.52	137.82	138.12	138.42	138.72	139.02	139.32	139.63	139.93	140.23
47.0	140.53	140.83	141.13	141.43	141.73	142.03	142.33	142.63	142.93	143.23
48.0	143.53	143.83	144.13	144.43	144.73	145.03	145.33	145.63	145.93	146.23
49.0	146.53	146.83	147.13	147.43	147.73	148.03	148.33	148.63	148.93	149.23
50.0	149.53	149.83	150.13	150.43	150.73	151.03	151.33	151.63	151.93	152.23
51.0	152.53	152.83	153.13	153.43	153.73	154.03	154.33	154.63	154.93	155.23
52.0	155.53	155.83	156.13	156.43	156.73	157.03	157.33	157.63	157.93	158.23
53.0	158.53	158.83	159.13	159.43	159.73	160.03	160.33	160.63	160.94	161.24
54.0	161.54	161.84	162.14	162.44	162.74	163.04	163.34	163.64	163.94	164.24
55.0	164.54	164.84	165.14	165.44	165.74	166.04	166.34	166.64	166.94	167.24
56.0	167.54	167.84	168.14	168.44	168.74	169.04	169.34	169.64	169.94	170.24
57.0	170.54	170.84	171.14	171.44	171.74	172.04	172.34	172.64	172.94	173.24
58.0	173.54	173.84	174.14	174.44	174.74	175.04	175.34	175.64	175.94	176.24
59.0	176.54	176.84	177.14	177.44	177.74	178.04	178.34	178.64	178.94	179.24
60.0	179.54	179.84	180.14	180.44	180.74	181.04	181.34	181.64	181.94	182.25
61.0	182.55	182.85	183.15	183.45	183.75	184.05	184.35	184.65	184.95	185.25
62.0	185.55	185.85	186.15	186.45	186.75	187.05	187.35	187.65	187.95	188.25
63.0	188.55	188.85	189.15	189.45	189.75	190.05	190.35	190.65	190.95	191.25
64.0	191.55	191.85	192.15	192.45	192.75	193.05	193.35	193.65	193.95	194.25
65.0	194.55	194.85	195.15	195.45	195.75	196.05	196.35	196.65	196.95	197.25
66.0	197.55	197.85	198.15	198.45	198.75	199.05	199.35	199.65	199.95	200.25
67.0	200.55	200.85	201.15	201.45	201.75	202.05	202.35	202.65	202.95	203.25
68.0	203.56	203.86	204.16	204.46	204.76	205.06	205.36	205.66	205.96	206.26
69.0	206.56	206.86	207.16	207.46	207.76	208.06	208.36	208.66	208.96	209.26

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 300 PPM CAL. DATE: 01/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	209.56	209.86	210.16	210.46	210.76	211.06	211.36	211.66	211.96	212.26
71.0	212.56	212.86	213.16	213.46	213.76	214.06	214.36	214.66	214.96	215.26
72.0	215.56	215.86	216.16	216.46	216.76	217.06	217.36	217.66	217.96	218.26
73.0	218.56	218.86	219.16	219.46	219.76	220.06	220.36	220.66	220.96	221.26
74.0	221.56	221.86	222.16	222.46	222.76	223.06	223.36	223.66	223.96	224.26
75.0	224.56	224.87	225.17	225.47	225.77	226.07	226.37	226.67	226.97	227.27
76.0	227.57	227.87	228.17	228.47	228.77	229.07	229.37	229.67	229.97	230.27
77.0	230.57	230.87	231.17	231.47	231.77	232.07	232.37	232.67	232.97	233.27
78.0	233.57	233.87	234.17	234.47	234.77	235.07	235.37	235.67	235.97	236.27
79.0	236.57	236.87	237.17	237.47	237.77	238.07	238.37	238.67	238.97	239.27
80.0	239.57	239.87	240.17	240.47	240.77	241.07	241.37	241.67	241.97	242.27
81.0	242.57	242.87	243.17	243.47	243.77	244.07	244.37	244.67	244.97	245.27
82.0	245.57	245.87	246.18	246.48	246.78	247.08	247.38	247.68	247.98	248.28
83.0	248.58	248.88	249.18	249.48	249.78	250.08	250.38	250.68	250.98	251.28
84.0	251.58	251.88	252.18	252.48	252.78	253.08	253.38	253.68	253.98	254.28
85.0	254.58	254.88	255.18	255.48	255.78	256.08	256.38	256.68	256.98	257.28
86.0	257.58	257.88	258.18	258.48	258.78	259.08	259.38	259.68	259.98	260.28
87.0	260.58	260.88	261.18	261.48	261.78	262.08	262.38	262.68	262.98	263.28
88.0	263.58	263.88	264.18	264.48	264.78	265.08	265.38	265.68	265.98	266.28
89.0	266.58	266.88	267.18	267.48	267.79	268.09	268.39	268.69	268.99	269.29
90.0	269.59	269.89	270.19	270.49	270.79	271.09	271.39	271.69	271.99	272.29
91.0	272.59	272.89	273.19	273.49	273.79	274.09	274.39	274.69	274.99	275.29
92.0	275.59	275.89	276.19	276.49	276.79	277.09	277.39	277.69	277.99	278.29
93.0	278.59	278.89	279.19	279.49	279.79	280.09	280.39	280.69	280.99	281.29
94.0	281.59	281.89	282.19	282.49	282.79	283.09	283.39	283.69	283.99	284.29
95.0	284.59	284.89	285.19	285.49	285.79	286.09	286.39	286.69	286.99	287.29
96.0	287.59	287.89	288.19	288.49	288.79	289.10	289.40	289.70	290.00	290.30
97.0	290.60	290.90	291.20	291.50	291.80	292.10	292.40	292.70	293.00	293.30
98.0	293.60	293.90	294.20	294.50	294.80	295.10	295.40	295.70	296.00	296.30
99.0	296.60	296.90	297.20	297.50	297.80	298.10	298.40	298.70	299.00	299.30

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 3000 PPM CAL. DATE: 01/14/75

INSTRUMENT: FID-116 TRAIN: MASS PIC: MCMILLEN

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = 0.75027995D-01
A(1) = 0.30004927D+02

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	0.1		
16.0	477.4	16.0	480.2	2.8	0.577
32.0	964.0	32.0	960.2	-3.8	-0.391
68.0	2040.0	68.0	2040.4	0.4	0.020
92.0	2760.0	92.0	2760.5	0.5	0.019

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 3000 PPM CAL. DATE: 01/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	0.08	3.08	6.08	9.08	12.08	15.08	18.08	21.08	24.08	27.08
1.0	30.08	33.08	36.08	39.08	42.08	45.08	48.08	51.08	54.08	57.08
2.0	60.08	63.09	66.09	69.09	72.09	75.09	78.09	81.09	84.09	87.09
3.0	90.09	93.09	96.09	99.09	102.09	105.09	108.09	111.09	114.09	117.09
4.0	120.09	123.10	126.10	129.10	132.10	135.10	138.10	141.10	144.10	147.10
5.0	150.10	153.10	156.10	159.10	162.10	165.10	168.10	171.10	174.10	177.10
6.0	180.10	183.11	186.11	189.11	192.11	195.11	198.11	201.11	204.11	207.11
7.0	210.11	213.11	216.11	219.11	222.11	225.11	228.11	231.11	234.11	237.11
8.0	240.11	243.11	246.12	249.12	252.12	255.12	258.12	261.12	264.12	267.12
9.0	270.12	273.12	276.12	279.12	282.12	285.12	288.12	291.12	294.12	297.12
10.0	300.12	303.12	306.13	309.13	312.13	315.13	318.13	321.13	324.13	327.13
11.0	330.13	333.13	336.13	339.13	342.13	345.13	348.13	351.13	354.13	357.13
12.0	360.13	363.13	366.14	369.14	372.14	375.14	378.14	381.14	384.14	387.14
13.0	390.14	393.14	396.14	399.14	402.14	405.14	408.14	411.14	414.14	417.14
14.0	420.14	423.14	426.15	429.15	432.15	435.15	438.15	441.15	444.15	447.15
15.0	450.15	453.15	456.15	459.15	462.15	465.15	468.15	471.15	474.15	477.15
16.0	480.15	483.15	486.15	489.16	492.16	495.16	498.16	501.16	504.16	507.16
17.0	510.16	513.16	516.16	519.16	522.16	525.16	528.16	531.16	534.16	537.16
18.0	540.16	543.16	546.16	549.17	552.17	555.17	558.17	561.17	564.17	567.17
19.0	570.17	573.17	576.17	579.17	582.17	585.17	588.17	591.17	594.17	597.17
20.0	600.17	603.17	606.17	609.18	612.18	615.18	618.18	621.18	624.18	627.18
21.0	630.18	633.18	636.18	639.18	642.18	645.18	648.18	651.18	654.18	657.18
22.0	660.18	663.18	666.18	669.19	672.19	675.19	678.19	681.19	684.19	687.19
23.0	690.19	693.19	696.19	699.19	702.19	705.19	708.19	711.19	714.19	717.19
24.0	720.19	723.19	726.19	729.19	732.20	735.20	738.20	741.20	744.20	747.20
25.0	750.20	753.20	756.20	759.20	762.20	765.20	768.20	771.20	774.20	777.20
26.0	780.20	783.20	786.20	789.20	792.21	795.21	798.21	801.21	804.21	807.21
27.0	810.21	813.21	816.21	819.21	822.21	825.21	828.21	831.21	834.21	837.21
28.0	840.21	843.21	846.21	849.21	852.22	855.22	858.22	861.22	864.22	867.22
29.0	870.22	873.22	876.22	879.22	882.22	885.22	888.22	891.22	894.22	897.22
30.0	900.22	903.22	906.22	909.22	912.22	915.23	918.23	921.23	924.23	927.23
31.0	930.23	933.23	936.23	939.23	942.23	945.23	948.23	951.23	954.23	957.23
32.0	960.23	963.23	966.23	969.23	972.23	975.24	978.24	981.24	984.24	987.24
33.0	990.24	993.24	996.24	999.24	1002.24	1005.24	1008.24	1011.24	1014.24	1017.24
34.0	1020.24	1023.24	1026.24	1029.24	1032.24	1035.25	1038.25	1041.25	1044.25	1047.25

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 3000 PPM CAL. DATE: 01/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	1050.25	1053.25	1056.25	1059.25	1062.25	1065.25	1068.25	1071.25	1074.25	1077.25
36.0	1080.25	1083.25	1086.25	1089.25	1092.25	1095.26	1098.26	1101.26	1104.26	1107.26
37.0	1110.26	1113.26	1116.26	1119.26	1122.26	1125.26	1128.26	1131.26	1134.26	1137.26
38.0	1140.26	1143.26	1146.26	1149.26	1152.26	1155.26	1158.27	1161.27	1164.27	1167.27
39.0	1170.27	1173.27	1176.27	1179.27	1182.27	1185.27	1188.27	1191.27	1194.27	1197.27
40.0	1200.27	1203.27	1206.27	1209.27	1212.27	1215.27	1218.28	1221.28	1224.28	1227.28
41.0	1230.28	1233.28	1236.28	1239.28	1242.28	1245.28	1248.28	1251.28	1254.28	1257.28
42.0	1260.28	1263.28	1266.28	1269.28	1272.28	1275.28	1278.29	1281.29	1284.29	1287.29
43.0	1290.29	1293.29	1296.29	1299.29	1302.29	1305.29	1308.29	1311.29	1314.29	1317.29
44.0	1320.29	1323.29	1326.29	1329.29	1332.29	1335.29	1338.29	1341.30	1344.30	1347.30
45.0	1350.30	1353.30	1356.30	1359.30	1362.30	1365.30	1368.30	1371.30	1374.30	1377.30
46.0	1380.30	1383.30	1386.30	1389.30	1392.30	1395.30	1398.30	1401.31	1404.31	1407.31
47.0	1410.31	1413.31	1416.31	1419.31	1422.31	1425.31	1428.31	1431.31	1434.31	1437.31
48.0	1440.31	1443.31	1446.31	1449.31	1452.31	1455.31	1458.31	1461.32	1464.32	1467.32
49.0	1470.32	1473.32	1476.32	1479.32	1482.32	1485.32	1488.32	1491.32	1494.32	1497.32
50.0	1500.32	1503.32	1506.32	1509.32	1512.32	1515.32	1518.32	1521.33	1524.33	1527.33
51.0	1530.33	1533.33	1536.33	1539.33	1542.33	1545.33	1548.33	1551.33	1554.33	1557.33
52.0	1560.33	1563.33	1566.33	1569.33	1572.33	1575.33	1578.33	1581.33	1584.34	1587.34
53.0	1590.34	1593.34	1596.34	1599.34	1602.34	1605.34	1608.34	1611.34	1614.34	1617.34
54.0	1620.34	1623.34	1626.34	1629.34	1632.34	1635.34	1638.34	1641.34	1644.35	1647.35
55.0	1650.35	1653.35	1656.35	1659.35	1662.35	1665.35	1668.35	1671.35	1674.35	1677.35
56.0	1680.35	1683.35	1686.35	1689.35	1692.35	1695.35	1698.35	1701.35	1704.36	1707.36
57.0	1710.36	1713.36	1716.36	1719.36	1722.36	1725.36	1728.36	1731.36	1734.36	1737.36
58.0	1740.36	1743.36	1746.36	1749.36	1752.36	1755.36	1758.36	1761.36	1764.36	1767.37
59.0	1770.37	1773.37	1776.37	1779.37	1782.37	1785.37	1788.37	1791.37	1794.37	1797.37
60.0	1800.37	1803.37	1806.37	1809.37	1812.37	1815.37	1818.37	1821.37	1824.37	1827.38
61.0	1830.38	1833.38	1836.38	1839.38	1842.38	1845.38	1848.38	1851.38	1854.38	1857.38
62.0	1860.38	1863.38	1866.38	1869.38	1872.38	1875.38	1878.38	1881.38	1884.38	1887.39
63.0	1890.39	1893.39	1896.39	1899.39	1902.39	1905.39	1908.39	1911.39	1914.39	1917.39
64.0	1920.39	1923.39	1926.39	1929.39	1932.39	1935.39	1938.39	1941.39	1944.39	1947.40
65.0	1950.40	1953.40	1956.40	1959.40	1962.40	1965.40	1968.40	1971.40	1974.40	1977.40
66.0	1980.40	1983.40	1986.40	1989.40	1992.40	1995.40	1998.40	2001.40	2004.40	2007.41
67.0	2010.41	2013.41	2016.41	2019.41	2022.41	2025.41	2028.41	2031.41	2034.41	2037.41
68.0	2040.41	2043.41	2046.41	2049.41	2052.41	2055.41	2058.41	2061.41	2064.41	2067.41
69.0	2070.42	2073.42	2076.42	2079.42	2082.42	2085.42	2088.42	2091.42	2094.42	2097.42

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 3000 PPM CAL. DATE: 01/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	2100.42	2103.42	2106.42	2109.42	2112.42	2115.42	2118.42	2121.42	2124.42	2127.42
71.0	2130.43	2133.43	2136.43	2139.43	2142.43	2145.43	2148.43	2151.43	2154.43	2157.43
72.0	2160.43	2163.43	2166.43	2169.43	2172.43	2175.43	2178.43	2181.43	2184.43	2187.43
73.0	2190.44	2193.44	2196.44	2199.44	2202.44	2205.44	2208.44	2211.44	2214.44	2217.44
74.0	2220.44	2223.44	2226.44	2229.44	2232.44	2235.44	2238.44	2241.44	2244.44	2247.44
75.0	2250.45	2253.45	2256.45	2259.45	2262.45	2265.45	2268.45	2271.45	2274.45	2277.45
76.0	2280.45	2283.45	2286.45	2289.45	2292.45	2295.45	2298.45	2301.45	2304.45	2307.45
77.0	2310.45	2313.46	2316.46	2319.46	2322.46	2325.46	2328.46	2331.46	2334.46	2337.46
78.0	2340.46	2343.46	2346.46	2349.46	2352.46	2355.46	2358.46	2361.46	2364.46	2367.46
79.0	2370.46	2373.47	2376.47	2379.47	2382.47	2385.47	2388.47	2391.47	2394.47	2397.47
80.0	2400.47	2403.47	2406.47	2409.47	2412.47	2415.47	2418.47	2421.47	2424.47	2427.47
81.0	2430.47	2433.48	2436.48	2439.48	2442.48	2445.48	2448.48	2451.48	2454.48	2457.48
82.0	2460.48	2463.48	2466.48	2469.48	2472.48	2475.48	2478.48	2481.48	2484.48	2487.48
83.0	2490.48	2493.48	2496.49	2499.49	2502.49	2505.49	2508.49	2511.49	2514.49	2517.49
84.0	2520.49	2523.49	2526.49	2529.49	2532.49	2535.49	2538.49	2541.49	2544.49	2547.49
85.0	2550.49	2553.49	2556.50	2559.50	2562.50	2565.50	2568.50	2571.50	2574.50	2577.50
86.0	2580.50	2583.50	2586.50	2589.50	2592.50	2595.50	2598.50	2601.50	2604.50	2607.50
87.0	2610.50	2613.50	2616.51	2619.51	2622.51	2625.51	2628.51	2631.51	2634.51	2637.51
88.0	2640.51	2643.51	2646.51	2649.51	2652.51	2655.51	2658.51	2661.51	2664.51	2667.51
89.0	2670.51	2673.51	2676.52	2679.52	2682.52	2685.52	2688.52	2691.52	2694.52	2697.52
90.0	2700.52	2703.52	2706.52	2709.52	2712.52	2715.52	2718.52	2721.52	2724.52	2727.52
91.0	2730.52	2733.52	2736.52	2739.53	2742.53	2745.53	2748.53	2751.53	2754.53	2757.53
92.0	2760.53	2763.53	2766.53	2769.53	2772.53	2775.53	2778.53	2781.53	2784.53	2787.53
93.0	2790.53	2793.53	2796.53	2799.54	2802.54	2805.54	2808.54	2811.54	2814.54	2817.54
94.0	2820.54	2823.54	2826.54	2829.54	2832.54	2835.54	2838.54	2841.54	2844.54	2847.54
95.0	2850.54	2853.54	2856.54	2859.55	2862.55	2865.55	2868.55	2871.55	2874.55	2877.55
96.0	2880.55	2883.55	2886.55	2889.55	2892.55	2895.55	2898.55	2901.55	2904.55	2907.55
97.0	2910.55	2913.55	2916.55	2919.55	2922.56	2925.56	2928.56	2931.56	2934.56	2937.56
98.0	2940.56	2943.56	2946.56	2949.56	2952.56	2955.56	2958.56	2961.56	2964.56	2967.56
99.0	2970.56	2973.56	2976.56	2979.56	2982.57	2985.57	2988.57	2991.57	2994.57	2997.57

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 01/17/75

INSTRUMENT: AIA-21 TRAIN: MASS PIC: MALLOW

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.18088181D+01
A(1) = 0.49371767D+01
A(2) = 0.26422486D-01

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-1.8		
18.0	92.0	18.0	95.6	3.6	3.936
42.0	254.0	42.0	252.2	-1.8	-0.724
69.0	461.0	69.0	464.7	3.7	0.793
71.2	488.0	71.2	483.7	-4.3	-0.888
97.0	725.0	97.0	725.7	0.7	0.097

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 01/17/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-1.81	-1.31	-0.82	-0.33	0.17	0.67	1.16	1.66	2.16	2.66
1.0	3.15	3.65	4.15	4.65	5.16	5.66	6.16	6.66	7.16	7.67
2.0	8.17	8.68	9.18	9.69	10.19	10.70	11.21	11.71	12.22	12.73
3.0	13.24	13.75	14.26	14.77	15.28	15.79	16.31	16.82	17.33	17.85
4.0	18.36	18.88	19.39	19.91	20.43	20.94	21.46	21.98	22.50	23.02
5.0	23.54	24.06	24.58	25.10	25.62	26.14	26.67	27.19	27.72	28.24
6.0	28.77	29.29	29.82	30.34	30.87	31.40	31.93	32.46	32.99	33.52
7.0	34.05	34.58	35.11	35.64	36.17	36.71	37.24	37.77	38.31	38.84
8.0	39.38	39.92	40.45	40.99	41.53	42.07	42.61	43.14	43.68	44.22
9.0	44.77	45.31	45.85	46.39	46.94	47.48	48.02	48.57	49.11	49.66
10.0	50.21	50.75	51.30	51.85	52.40	52.94	53.49	54.04	54.59	55.15
11.0	55.70	56.25	56.80	57.36	57.91	58.46	59.02	59.57	60.13	60.69
12.0	61.24	61.80	62.36	62.92	63.47	64.03	64.59	65.16	65.72	66.28
13.0	66.84	67.40	67.97	68.53	69.09	69.66	70.22	70.79	71.36	71.92
14.0	72.49	73.06	73.63	74.20	74.77	75.34	75.91	76.48	77.05	77.62
15.0	78.19	78.77	79.34	79.92	80.49	81.07	81.64	82.22	82.79	83.37
16.0	83.95	84.53	85.11	85.69	86.27	86.85	87.43	88.01	88.59	89.18
17.0	89.76	90.34	90.93	91.51	92.10	92.68	93.27	93.86	94.44	95.03
18.0	95.62	96.21	96.80	97.39	97.98	98.57	99.16	99.76	100.35	100.94
19.0	101.54	102.13	102.73	103.32	103.92	104.51	105.11	105.71	106.31	106.90
20.0	107.50	108.10	108.70	109.30	109.91	110.51	111.11	111.71	112.32	112.92
21.0	113.52	114.13	114.73	115.34	115.95	116.55	117.16	117.77	118.38	118.99
22.0	119.60	120.21	120.82	121.43	122.04	122.65	123.27	123.88	124.49	125.11
23.0	125.72	126.34	126.96	127.57	128.19	128.81	129.42	130.04	130.66	131.28
24.0	131.90	132.52	133.14	133.77	134.39	135.01	135.64	136.26	136.88	137.51
25.0	138.13	138.76	139.39	140.01	140.64	141.27	141.90	142.53	143.16	143.79
26.0	144.42	145.05	145.68	146.32	146.95	147.58	148.22	148.85	149.49	150.12
27.0	150.76	151.39	152.03	152.67	153.31	153.95	154.58	155.22	155.87	156.51
28.0	157.15	157.79	158.43	159.07	159.72	160.36	161.01	161.65	162.30	162.94
29.0	163.59	164.24	164.89	165.53	166.18	166.83	167.48	168.13	168.78	169.43
30.0	170.09	170.74	171.39	172.05	172.70	173.35	174.01	174.67	175.32	175.98
31.0	176.64	177.29	177.95	178.61	179.27	179.93	180.59	181.25	181.91	182.57
32.0	183.24	183.90	184.56	185.23	185.89	186.56	187.22	187.89	188.56	189.22
33.0	189.89	190.56	191.23	191.90	192.57	193.24	193.91	194.58	195.25	195.93
34.0	196.60	197.27	197.95	198.62	199.30	199.97	200.65	201.33	202.00	202.68

C99

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 01/17/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	203.36	204.04	204.72	205.40	206.08	206.76	207.44	208.12	208.81	209.49
36.0	210.17	210.86	211.54	212.23	212.91	213.60	214.29	214.97	215.66	216.35
37.0	217.04	217.73	218.42	219.11	219.80	220.49	221.18	221.88	222.57	223.26
38.0	223.96	224.65	225.35	226.04	226.74	227.44	228.13	228.83	229.53	230.23
39.0	230.93	231.63	232.33	233.03	233.73	234.44	235.14	235.84	236.55	237.25
40.0	237.95	238.66	239.37	240.07	240.78	241.49	242.19	242.90	243.61	244.32
41.0	245.03	245.74	246.45	247.17	247.88	248.59	249.30	250.02	250.73	251.45
42.0	252.16	252.88	253.59	254.31	255.03	255.75	256.47	257.18	257.90	258.62
43.0	259.34	260.07	260.79	261.51	262.23	262.96	263.68	264.40	265.13	265.85
44.0	266.58	267.31	268.03	268.76	269.49	270.22	270.95	271.68	272.41	273.14
45.0	273.87	274.60	275.33	276.07	276.80	277.53	278.27	279.00	279.74	280.47
46.0	281.21	281.95	282.69	283.42	284.16	284.90	285.64	286.38	287.12	287.86
47.0	288.61	289.35	290.09	290.83	291.58	292.32	293.07	293.81	294.56	295.31
48.0	296.05	296.80	297.55	298.30	299.05	299.80	300.55	301.30	302.05	302.80
49.0	303.55	304.31	305.06	305.81	306.57	307.32	308.08	308.83	309.59	310.35
50.0	311.11	311.86	312.62	313.38	314.14	314.90	315.66	316.42	317.19	317.95
51.0	318.71	319.48	320.24	321.00	321.77	322.53	323.30	324.07	324.83	325.60
52.0	326.37	327.14	327.91	328.68	329.45	330.22	330.99	331.76	332.54	333.31
53.0	334.08	334.86	335.63	336.41	337.18	337.96	338.73	339.51	340.29	341.07
54.0	341.85	342.63	343.41	344.19	344.97	345.75	346.53	347.31	348.10	348.88
55.0	349.66	350.45	351.23	352.02	352.81	353.59	354.38	355.17	355.96	356.74
56.0	357.53	358.32	359.11	359.91	360.70	361.49	362.28	363.07	363.87	364.66
57.0	365.46	366.25	367.05	367.84	368.64	369.44	370.24	371.03	371.83	372.63
58.0	373.43	374.23	375.03	375.84	376.64	377.44	378.24	379.05	379.85	380.66
59.0	381.46	382.27	383.07	383.88	384.69	385.50	386.30	387.11	387.92	388.73
60.0	389.54	390.35	391.17	391.98	392.79	393.60	394.42	395.23	396.05	396.86
61.0	397.68	398.49	399.31	400.13	400.95	401.76	402.58	403.40	404.22	405.04
62.0	405.86	406.69	407.51	408.33	409.15	409.98	410.80	411.63	412.45	413.28
63.0	414.10	414.93	415.76	416.59	417.42	418.24	419.07	419.90	420.73	421.57
64.0	422.40	423.23	424.06	424.90	425.73	426.56	427.40	428.23	429.07	429.91
65.0	430.74	431.58	432.42	433.26	434.10	434.94	435.78	436.62	437.46	438.30
66.0	439.14	439.98	440.83	441.67	442.52	443.36	444.21	445.05	445.90	446.75
67.0	447.59	448.44	449.29	450.14	450.99	451.84	452.69	453.54	454.39	455.24
68.0	456.10	456.95	457.80	458.66	459.51	460.37	461.22	462.08	462.94	463.80
69.0	464.65	465.51	466.37	467.23	468.09	468.95	469.81	470.68	471.54	472.40

C100

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 01/17/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	473.26	474.13	474.99	475.86	476.72	477.59	478.46	479.32	480.19	481.06
71.0	481.93	482.80	483.67	484.54	485.41	486.28	487.15	488.02	488.89	489.77
72.0	490.64	491.52	492.39	493.27	494.14	495.02	495.90	496.77	497.65	498.53
73.0	499.41	500.29	501.17	502.05	502.93	503.81	504.70	505.58	506.46	507.35
74.0	508.23	509.12	510.00	510.89	511.78	512.66	513.55	514.44	515.33	516.22
75.0	517.11	518.00	518.89	519.78	520.67	521.56	522.46	523.35	524.24	525.14
76.0	526.03	526.93	527.82	528.72	529.62	530.52	531.41	532.31	533.21	534.11
77.0	535.01	535.91	536.81	537.72	538.62	539.52	540.43	541.33	542.23	543.14
78.0	544.05	544.95	545.86	546.77	547.67	548.58	549.49	550.40	551.31	552.22
79.0	553.13	554.04	554.95	555.87	556.78	557.69	558.61	559.52	560.44	561.35
80.0	562.27	563.19	564.10	565.02	565.94	566.86	567.78	568.70	569.62	570.54
81.0	571.46	572.38	573.31	574.23	575.15	576.08	577.00	577.93	578.85	579.78
82.0	580.70	581.63	582.56	583.49	584.42	585.35	586.28	587.21	588.14	589.07
83.0	590.00	590.93	591.87	592.80	593.73	594.67	595.60	596.54	597.48	598.41
84.0	599.35	600.29	601.23	602.17	603.11	604.05	604.99	605.93	606.87	607.81
85.0	608.75	609.70	610.64	611.58	612.53	613.47	614.42	615.37	616.31	617.26
86.0	618.21	619.16	620.11	621.06	622.01	622.96	623.91	624.86	625.81	626.76
87.0	627.72	628.67	629.63	630.58	631.54	632.49	633.45	634.40	635.36	636.32
88.0	637.28	638.24	639.20	640.16	641.12	642.08	643.04	644.00	644.97	645.93
89.0	646.89	647.86	648.82	649.79	650.75	651.72	652.69	653.65	654.62	655.59
90.0	656.56	657.53	658.50	659.47	660.44	661.41	662.38	663.36	664.33	665.30
91.0	666.28	667.25	668.23	669.21	670.18	671.16	672.14	673.11	674.09	675.07
92.0	676.05	677.03	678.01	678.99	679.98	680.96	681.94	682.92	683.91	684.89
93.0	685.88	686.86	687.85	688.83	689.82	690.81	691.80	692.79	693.78	694.76
94.0	695.75	696.75	697.74	698.73	699.72	700.71	701.71	702.70	703.70	704.69
95.0	705.69	706.68	707.68	708.68	709.67	710.67	711.67	712.67	713.67	714.67
96.0	715.67	716.67	717.67	718.68	719.68	720.68	721.69	722.69	723.70	724.70
97.0	725.71	726.71	727.72	728.73	729.74	730.74	731.75	732.76	733.77	734.78
98.0	735.80	736.81	737.82	738.83	739.85	740.86	741.88	742.89	743.91	744.92
99.0	745.94	746.96	747.97	748.99	750.01	751.03	752.05	753.07	754.09	755.11

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 01/14/75

INSTRUMENT: NDIR315B TRAIN: MASS PIC: MCMILLEN

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = 0.86687004D+00
A(1) = 0.22207752D+02
A(2) = 0.86657490D-01

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	0.9		
19.2	461.0	19.2	459.2	-1.8	-0.390
40.2	1051.0	40.2	1033.7	-17.3	-1.650
61.5	1679.0	61.5	1694.4	15.4	0.917
78.5	2282.0	78.5	2278.2	-3.8	-0.167
95.0	2898.0	95.0	2892.7	-5.3	-0.183

C102

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 01/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	0.87	3.09	5.31	7.54	9.76	11.99	14.22	16.45	18.69	20.92
1.0	23.16	25.40	27.64	29.88	32.13	34.37	36.62	38.87	41.12	43.37
2.0	45.63	47.89	50.14	52.40	54.66	56.93	59.19	61.46	63.73	66.00
3.0	68.27	70.54	72.82	75.10	77.38	79.66	81.94	84.22	86.51	88.80
4.0	91.08	93.38	95.67	97.96	100.26	102.56	104.86	107.16	109.46	111.77
5.0	114.07	116.38	118.69	121.00	123.32	125.63	127.95	130.27	132.59	134.91
6.0	137.23	139.56	141.89	144.22	146.55	148.88	151.21	153.55	155.89	158.23
7.0	160.57	162.91	165.26	167.60	169.95	172.30	174.65	177.00	179.36	181.72
8.0	184.07	186.44	188.80	191.16	193.53	195.89	198.26	200.63	203.01	205.38
9.0	207.76	210.13	212.51	214.89	217.28	219.66	222.05	224.44	226.83	229.22
10.0	231.61	234.01	236.40	238.80	241.20	243.60	246.01	248.41	250.82	253.23
11.0	255.64	258.05	260.46	262.88	265.30	267.72	270.14	272.56	274.98	277.41
12.0	279.84	282.27	284.70	287.13	289.57	292.00	294.44	296.88	299.32	301.77
13.0	304.21	306.66	309.11	311.56	314.01	316.46	318.92	321.38	323.84	326.30
14.0	328.76	331.22	333.69	336.16	338.63	341.10	343.57	346.05	348.52	351.00
15.0	353.48	355.96	358.45	360.93	363.42	365.91	368.40	370.89	373.38	375.88
16.0	378.38	380.87	383.37	385.88	388.38	390.89	393.39	395.90	398.42	400.93
17.0	403.44	405.96	408.48	411.00	413.52	416.04	418.57	421.09	423.62	426.15
18.0	428.68	431.22	433.75	436.29	438.83	441.37	443.91	446.46	449.00	451.55
19.0	454.10	456.65	459.20	461.76	464.31	466.87	469.43	471.99	474.55	477.12
20.0	479.68	482.25	484.82	487.40	489.97	492.54	495.12	497.70	500.28	502.86
21.0	505.45	508.03	510.62	513.21	515.80	518.39	520.99	523.58	526.18	528.78
22.0	531.38	533.98	536.59	539.19	541.80	544.41	547.02	549.64	552.25	554.87
23.0	557.49	560.11	562.73	565.35	567.98	570.61	573.23	575.87	578.50	581.13
24.0	583.77	586.41	589.04	591.69	594.33	596.97	599.62	602.27	604.92	607.57
25.0	610.22	612.88	615.53	618.19	620.85	623.51	626.18	628.84	631.51	634.18
26.0	636.85	639.52	642.20	644.87	647.55	650.23	652.91	655.59	658.28	660.96
27.0	663.65	666.34	669.03	671.72	674.42	677.11	679.81	682.51	685.21	687.92
28.0	690.62	693.33	696.04	698.75	701.46	704.18	706.89	709.61	712.33	715.05
29.0	717.77	720.49	723.22	725.95	728.68	731.41	734.14	736.88	739.61	742.35
30.0	745.09	747.83	750.58	753.32	756.07	758.82	761.57	764.32	767.07	769.83
31.0	772.59	775.34	778.10	780.87	783.63	786.40	789.16	791.93	794.71	797.48
32.0	800.25	803.03	805.81	808.59	811.37	814.15	816.94	819.72	822.51	825.30
33.0	828.09	830.89	833.68	836.48	839.28	842.08	844.88	847.68	850.49	853.30
34.0	856.11	858.92	861.73	864.54	867.36	870.18	873.00	875.82	878.64	881.47

C108

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 01/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	884.29	887.12	889.95	892.78	895.62	898.45	901.29	904.13	906.97	909.81
36.0	912.65	915.50	918.35	921.20	924.05	926.90	929.75	932.61	935.47	938.33
37.0	941.19	944.05	946.92	949.78	952.65	955.52	958.39	961.26	964.14	967.02
38.0	969.90	972.78	975.66	978.54	981.43	984.31	987.20	990.09	992.99	995.88
39.0	998.78	1001.67	1004.57	1007.47	1010.38	1013.28	1016.19	1019.09	1022.00	1024.92
40.0	1027.83	1030.74	1033.66	1036.58	1039.50	1042.42	1045.34	1048.27	1051.20	1054.13
41.0	1057.06	1059.99	1062.92	1065.86	1068.80	1071.73	1074.68	1077.62	1080.56	1083.51
42.0	1086.46	1089.41	1092.36	1095.31	1098.27	1101.22	1104.18	1107.14	1110.10	1113.06
43.0	1116.03	1119.00	1121.97	1124.94	1127.91	1130.88	1133.86	1136.83	1139.81	1142.79
44.0	1145.78	1148.76	1151.75	1154.73	1157.72	1160.72	1163.71	1166.70	1169.70	1172.70
45.0	1175.70	1178.70	1181.70	1184.71	1187.71	1190.72	1193.73	1196.74	1199.76	1202.77
46.0	1205.79	1208.81	1211.83	1214.85	1217.88	1220.90	1223.93	1226.96	1229.99	1233.02
47.0	1236.06	1239.09	1242.13	1245.17	1248.21	1251.26	1254.30	1257.35	1260.40	1263.45
48.0	1266.50	1269.55	1272.61	1275.66	1278.72	1281.78	1284.85	1287.91	1290.98	1294.04
49.0	1297.11	1300.18	1303.26	1306.33	1309.41	1312.48	1315.56	1318.64	1321.73	1324.81
50.0	1327.90	1330.99	1334.08	1337.17	1340.26	1343.36	1346.45	1349.55	1352.65	1355.75
51.0	1358.86	1361.96	1365.07	1368.18	1371.29	1374.40	1377.52	1380.63	1383.75	1386.87
52.0	1389.99	1393.11	1396.24	1399.37	1402.49	1405.62	1408.76	1411.89	1415.02	1418.16
53.0	1421.30	1424.44	1427.58	1430.72	1433.87	1437.02	1440.17	1443.32	1446.47	1449.62
54.0	1452.78	1455.94	1459.10	1462.26	1465.42	1468.58	1471.75	1474.92	1478.09	1481.26
55.0	1484.43	1487.61	1490.78	1493.96	1497.14	1500.32	1503.51	1506.69	1509.88	1513.07
56.0	1516.26	1519.45	1522.65	1525.84	1529.04	1532.24	1535.44	1538.64	1541.85	1545.05
57.0	1548.26	1551.47	1554.68	1557.89	1561.11	1564.32	1567.54	1570.76	1573.98	1577.21
58.0	1580.43	1583.66	1586.89	1590.12	1593.35	1596.58	1599.82	1603.06	1606.30	1609.54
59.0	1612.78	1616.02	1619.27	1622.52	1625.77	1629.02	1632.27	1635.53	1638.78	1642.04
60.0	1645.30	1648.56	1651.82	1655.09	1658.36	1661.62	1664.89	1668.17	1671.44	1674.72
61.0	1677.99	1681.27	1684.55	1687.83	1691.12	1694.40	1697.69	1700.98	1704.27	1707.56
62.0	1710.86	1714.16	1717.45	1720.75	1724.05	1727.36	1730.66	1733.97	1737.28	1740.59
63.0	1743.90	1747.21	1750.53	1753.84	1757.16	1760.48	1763.81	1767.13	1770.46	1773.78
64.0	1777.11	1780.44	1783.78	1787.11	1790.45	1793.78	1797.12	1800.46	1803.81	1807.15
65.0	1810.50	1813.85	1817.20	1820.55	1823.90	1827.26	1830.61	1833.97	1837.33	1840.70
66.0	1844.06	1847.42	1850.79	1854.16	1857.53	1860.90	1864.28	1867.65	1871.03	1874.41
67.0	1877.79	1881.18	1884.56	1887.95	1891.33	1894.72	1898.12	1901.51	1904.90	1908.30
68.0	1911.70	1915.10	1918.50	1921.90	1925.31	1928.72	1932.13	1935.54	1938.95	1942.36
69.0	1945.78	1949.20	1952.62	1956.04	1959.46	1962.88	1966.31	1969.74	1973.17	1976.60

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 01/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	1980.03	1983.47	1986.90	1990.34	1993.78	1997.22	2000.67	2004.11	2007.56	2011.01
71.0	2014.46	2017.91	2021.36	2024.82	2028.28	2031.74	2035.20	2038.66	2042.12	2045.59
72.0	2049.06	2052.53	2056.00	2059.47	2062.95	2066.42	2069.90	2073.38	2076.86	2080.35
73.0	2083.83	2087.32	2090.81	2094.30	2097.79	2101.28	2104.78	2108.28	2111.77	2115.27
74.0	2118.78	2122.28	2125.79	2129.30	2132.80	2136.32	2139.83	2143.34	2146.86	2150.38
75.0	2153.90	2157.42	2160.94	2164.47	2167.99	2171.52	2175.05	2178.58	2182.12	2185.65
76.0	2189.19	2192.73	2196.27	2199.81	2203.36	2206.90	2210.45	2214.00	2217.55	2221.10
77.0	2224.66	2228.21	2231.77	2235.33	2238.89	2242.45	2246.02	2249.59	2253.15	2256.72
78.0	2260.30	2263.87	2267.45	2271.02	2274.60	2278.18	2281.76	2285.35	2288.93	2292.52
79.0	2296.11	2299.70	2303.29	2306.89	2310.48	2314.08	2317.68	2321.28	2324.88	2328.49
80.0	2332.10	2335.70	2339.31	2342.93	2346.54	2350.15	2353.77	2357.39	2361.01	2364.63
81.0	2368.26	2371.88	2375.51	2379.14	2382.77	2386.40	2390.03	2393.67	2397.31	2400.95
82.0	2404.59	2408.23	2411.88	2415.52	2419.17	2422.82	2426.47	2430.12	2433.78	2437.44
83.0	2441.09	2444.75	2448.42	2452.08	2455.75	2459.41	2463.08	2466.75	2470.42	2474.10
84.0	2477.77	2481.45	2485.13	2488.81	2492.49	2496.18	2499.86	2503.55	2507.24	2510.93
85.0	2514.63	2518.32	2522.02	2525.72	2529.42	2533.12	2536.82	2540.53	2544.23	2547.94
86.0	2551.65	2555.37	2559.08	2562.79	2566.51	2570.23	2573.95	2577.67	2581.40	2585.12
87.0	2588.85	2592.58	2596.31	2600.05	2603.78	2607.52	2611.26	2615.00	2618.74	2622.48
88.0	2626.23	2629.97	2633.72	2637.47	2641.22	2644.98	2648.73	2652.49	2656.25	2660.01
89.0	2663.77	2667.54	2671.30	2675.07	2678.84	2682.61	2686.38	2690.16	2693.93	2697.71
90.0	2701.49	2705.27	2709.06	2712.84	2716.63	2720.42	2724.21	2728.00	2731.79	2735.59
91.0	2739.38	2743.18	2746.98	2750.79	2754.59	2758.40	2762.20	2766.01	2769.82	2773.64
92.0	2777.45	2781.27	2785.08	2788.90	2792.72	2796.55	2800.37	2804.20	2808.03	2811.86
93.0	2815.69	2819.52	2823.36	2827.19	2831.03	2834.87	2838.72	2842.56	2846.41	2650.25
94.0	2854.10	2857.95	2861.81	2865.66	2869.52	2873.37	2877.23	2681.09	2884.96	2888.82
95.0	2892.69	2896.56	2900.43	2904.30	2908.17	2912.05	2915.92	2919.80	2923.68	2927.56
96.0	2931.45	2935.33	2939.22	2943.11	2947.00	2950.89	2954.79	2958.68	2962.58	2966.48
97.0	2970.38	2974.28	2978.19	2982.09	2986.00	2989.91	2993.82	2997.74	3001.65	3005.57
98.0	3009.49	3013.41	3017.33	3021.25	3025.18	3029.10	3033.03	3036.96	3040.90	3044.83
99.0	3048.77	3052.70	3056.64	3060.58	3064.53	3068.47	3072.42	3076.36	3080.31	3084.26

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 30000 PPM CAL. DATE: 01/15/75

INSTRUMENT: NDIR3158 TRAIN: MASS PIC: MALLOW

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = 0.19950895D+02
A(1) = 0.22556817D+03
A(2) = 0.53387905D+00

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	20.0		
7.0	1679.0	7.0	1625.1	-53.9	-3.211
12.3	2898.0	12.3	2875.2	-22.8	-0.786
23.3	5480.0	23.3	5565.5	85.5	1.561
62.0	16100.0	62.0	16057.4	-42.6	-0.265
94.5	26090.0	94.5	26103.8	13.8	0.053

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 30000 PPM CAL. DATE: 01/15/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	19.95	42.51	65.09	87.67	110.26	132.87	155.48	178.11	200.75	223.39
1.0	246.05	268.72	291.40	314.09	336.79	359.50	382.23	404.96	427.70	450.46
2.0	473.22	496.00	518.78	541.58	564.39	587.21	610.04	632.88	655.73	678.59
3.0	701.46	724.34	747.24	770.14	793.05	815.98	838.92	861.86	884.82	907.79
4.0	930.77	953.75	976.75	999.77	1022.79	1045.82	1068.86	1091.91	1114.98	1138.05
5.0	1161.14	1184.23	1207.34	1230.46	1253.59	1276.73	1299.88	1323.04	1346.21	1369.39
6.0	1392.58	1415.78	1439.00	1462.22	1485.46	1508.70	1531.96	1555.22	1578.50	1601.79
7.0	1625.09	1648.40	1671.72	1695.05	1718.39	1741.74	1765.11	1788.48	1811.86	1835.26
8.0	1858.66	1882.08	1905.51	1928.95	1952.39	1975.85	1999.32	2022.80	2046.29	2069.80
9.0	2093.31	2116.83	2140.37	2163.91	2187.47	2211.03	2234.61	2258.20	2281.79	2305.40
10.0	2329.02	2352.65	2376.29	2399.94	2423.60	2447.28	2470.96	2494.65	2518.36	2542.07
11.0	2565.80	2589.54	2613.28	2637.04	2660.81	2684.59	2708.38	2732.18	2755.99	2779.82
12.0	2803.65	2827.49	2851.35	2875.21	2899.09	2922.97	2946.87	2970.78	2994.69	3018.62
13.0	3042.56	3066.51	3090.47	3114.45	3138.43	3162.42	3186.42	3210.44	3234.46	3258.50
14.0	3282.55	3306.60	3330.67	3354.75	3378.84	3402.94	3427.05	3451.17	3475.30	3499.44
15.0	3523.60	3547.76	3571.94	3596.12	3620.32	3644.52	3668.74	3692.97	3717.21	3741.46
16.0	3765.72	3789.99	3814.27	3838.56	3862.86	3887.18	3911.50	3935.83	3960.18	3984.53
17.0	4008.90	4033.28	4057.67	4082.07	4106.47	4130.89	4155.32	4179.77	4204.22	4228.68
18.0	4253.15	4277.64	4302.13	4326.64	4351.16	4375.68	4400.22	4424.77	4449.32	4473.89
19.0	4498.48	4523.07	4547.67	4572.28	4596.90	4621.54	4646.18	4670.84	4695.50	4720.18
20.0	4744.86	4769.56	4794.27	4818.99	4843.72	4868.46	4893.21	4917.97	4942.75	4967.53
21.0	4992.32	5017.12	5041.94	5066.77	5091.61	5116.45	5141.31	5166.18	5191.06	5215.95
22.0	5240.85	5265.76	5290.68	5315.61	5340.55	5365.51	5390.48	5415.45	5440.44	5465.43
23.0	5490.44	5515.46	5540.49	5565.53	5590.58	5615.64	5640.71	5665.79	5690.88	5715.99
24.0	5741.10	5766.23	5791.36	5816.51	5841.66	5866.83	5892.01	5917.20	5942.40	5967.61
25.0	5992.83	6018.06	6043.30	6068.55	6093.82	6119.09	6144.38	6169.68	6194.98	6220.30
26.0	6245.62	6270.96	6296.31	6321.67	6347.04	6372.42	6397.82	6423.22	6448.63	6474.05
27.0	6499.49	6524.93	6550.39	6575.86	6601.33	6626.82	6652.32	6677.83	6703.35	6728.88
28.0	6754.42	6779.97	6805.54	6831.11	6856.69	6882.29	6907.89	6933.51	6959.13	6984.77
29.0	7010.42	7036.08	7061.75	7087.43	7113.12	7138.82	7164.53	7190.25	7215.99	7241.73
30.0	7267.49	7293.25	7319.03	7344.82	7370.61	7396.42	7422.24	7448.07	7473.91	7499.76
31.0	7525.62	7551.49	7577.37	7603.27	7629.18	7655.09	7681.02	7706.95	7732.90	7758.86
32.0	7784.82	7810.80	7836.79	7862.79	7888.80	7914.82	7940.86	7966.90	7992.96	8019.02
33.0	8045.09	8071.18	8097.28	8123.38	8149.50	8175.63	8201.77	8227.92	8254.08	8280.25
34.0	8306.43	8332.62	8358.83	8385.04	8411.27	8437.50	8463.75	8490.00	8516.27	8542.55

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 30000 PPM CAL. DATE: 01/15/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	8568.84	8595.14	8621.45	8647.77	8674.10	8700.44	8726.79	8753.16	8779.53	8805.92
36.0	8832.31	8858.72	8885.14	8911.56	8938.00	8964.45	8990.91	9017.38	9043.86	9070.35
37.0	9096.86	9123.37	9149.89	9176.43	9202.97	9229.52	9256.09	9282.67	9309.25	9335.86
38.0	9362.46	9389.08	9415.71	9442.36	9469.00	9495.67	9522.34	9549.02	9575.72	9602.43
39.0	9629.14	9655.87	9682.60	9709.35	9736.11	9762.88	9789.66	9816.45	9843.25	9870.06
40.0	9896.88	9923.72	9950.56	9977.42	10004.28	10031.16	10058.04	10084.94	10111.85	10138.77
41.0	10165.70	10192.64	10219.59	10246.55	10273.52	10300.50	10327.50	10354.50	10381.52	10409.54
42.0	10435.58	10462.62	10489.68	10516.75	10543.83	10570.92	10598.02	10625.13	10652.25	10679.38
43.0	10706.52	10733.68	10760.84	10788.02	10815.20	10842.40	10869.61	10896.82	10924.05	10951.29
44.0	10978.54	11005.80	11033.07	11060.36	11087.64	11114.95	11142.26	11169.59	11196.92	11224.27
45.0	11251.62	11278.99	11306.37	11333.76	11361.16	11388.57	11415.99	11443.42	11470.86	11498.31
46.0	11525.78	11553.25	11580.73	11608.23	11635.73	11663.25	11690.78	11718.32	11745.87	11773.43
47.0	11801.00	11828.57	11856.17	11883.77	11911.38	11939.00	11966.64	11994.29	12021.94	12049.61
48.0	12077.28	12104.97	12132.67	12160.37	12188.09	12215.82	12243.57	12271.32	12299.08	12326.85
49.0	12354.64	12382.43	12410.23	12438.05	12465.87	12493.71	12521.56	12549.42	12577.29	12605.17
50.0	12633.06	12660.96	12688.87	12716.79	12744.73	12772.67	12800.62	12828.59	12856.57	12884.55
51.0	12912.55	12940.55	12968.57	12996.60	13024.64	13052.70	13080.75	13108.83	13136.91	13165.00
52.0	13193.11	13221.22	13249.35	13277.48	13305.63	13333.79	13361.95	13390.13	13418.32	13446.52
53.0	13474.73	13502.95	13531.18	13559.43	13587.68	13615.95	13644.22	13672.50	13700.80	13729.11
54.0	13757.43	13785.75	13814.09	13842.44	13870.80	13899.17	13927.55	13955.95	13984.35	14012.76
55.0	14041.19	14069.62	14098.07	14126.52	14154.99	14183.47	14211.96	14240.45	14268.96	14297.48
56.0	14326.02	14354.55	14383.11	14411.67	14440.25	14468.83	14497.43	14526.03	14554.65	14583.27
57.0	14611.91	14640.56	14669.22	14697.89	14726.57	14755.26	14783.96	14812.68	14841.40	14870.13
58.0	14898.87	14927.63	14956.40	14985.17	15013.96	15042.76	15071.57	15100.39	15129.21	15158.05
59.0	15186.91	15215.77	15244.64	15273.53	15302.42	15331.32	15360.24	15389.16	15418.10	15447.05
60.0	15476.01	15504.98	15533.96	15562.95	15591.95	15620.96	15649.98	15679.01	15708.05	15737.11
61.0	15766.18	15795.25	15824.34	15853.43	15882.54	15911.66	15940.79	15969.93	15999.08	16028.24
62.0	16057.41	16086.59	16115.79	16144.99	16174.20	16203.43	16232.66	16261.91	16291.17	16320.43
63.0	16349.71	16379.00	16408.30	16437.61	16466.93	16496.27	16525.61	16554.96	16584.32	16613.70
64.0	16643.09	16672.48	16701.89	16731.30	16760.73	16790.17	16819.62	16849.08	16878.55	16908.03
65.0	16937.52	16967.03	16996.54	17026.06	17055.60	17085.14	17114.70	17144.27	17173.84	17203.43
66.0	17233.03	17262.64	17292.26	17321.89	17351.53	17381.18	17410.85	17440.52	17470.20	17499.90
67.0	17529.61	17559.32	17589.05	17618.79	17648.53	17678.29	17708.06	17737.84	17767.63	17797.43
68.0	17827.25	17857.07	17886.90	17916.75	17946.60	17976.47	18006.34	18036.23	18066.13	18096.04
69.0	18125.96	18155.89	18185.82	18215.78	18245.74	18275.71	18305.70	18335.69	18365.69	18395.71

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 30000 PPM CAL. DATE: 01/15/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	18425.73	18455.77	18485.82	18515.87	18545.94	18576.02	18606.11	18636.21	18666.32	18696.45
71.0	18726.58	18756.72	18786.87	18817.04	18847.21	18877.40	18907.60	18937.80	18968.02	18998.25
72.0	19028.49	19058.74	19089.00	19119.27	19149.55	19179.85	19210.15	19240.46	19270.79	19301.12
73.0	19331.47	19361.83	19392.20	19422.57	19452.96	19483.36	19513.77	19544.20	19574.62	19605.07
74.0	19635.52	19665.98	19696.46	19726.94	19757.44	19787.95	19818.46	19848.99	19879.53	19910.08
75.0	19940.64	19971.21	20001.79	20032.38	20062.98	20093.59	20124.22	20154.85	20185.50	20216.15
76.0	20246.82	20277.50	20308.18	20338.88	20369.59	20400.31	20431.04	20461.79	20492.54	20523.30
77.0	20554.07	20584.86	20615.65	20646.46	20677.27	20708.10	20738.94	20769.79	20800.64	20831.51
78.0	20862.39	20893.28	20924.18	20955.10	20986.02	21016.95	21047.89	21078.85	21109.82	21140.79
79.0	21171.78	21202.78	21233.79	21264.80	21295.83	21326.87	21357.93	21388.98	21420.06	21451.14
80.0	21482.23	21513.34	21544.45	21575.58	21606.71	21637.86	21669.02	21700.19	21731.37	21762.55
81.0	21793.76	21824.97	21856.19	21887.42	21918.66	21949.92	21981.18	22012.46	22043.74	22075.04
82.0	22106.35	22137.66	22168.99	22200.33	22231.68	22263.04	22294.41	22325.80	22357.19	22388.59
83.0	22420.00	22451.43	22482.87	22514.31	22545.77	22577.23	22608.71	22640.20	22671.70	22703.21
84.0	22734.73	22766.26	22797.80	22829.36	22860.92	22892.50	22924.08	22955.68	22987.28	23018.90
85.0	23050.53	23082.16	23113.81	23145.47	23177.14	23208.82	23240.52	23272.21	23303.93	23335.65
86.0	23367.39	23399.13	23430.89	23462.65	23494.43	23526.22	23558.02	23589.82	23621.64	23653.48
87.0	23685.32	23717.17	23749.03	23780.90	23812.79	23844.68	23876.59	23908.50	23940.43	23972.37
88.0	24004.31	24036.27	24068.24	24100.22	24132.21	24164.21	24196.22	24228.25	24260.28	24292.32
89.0	24324.38	24356.45	24388.52	24420.61	24452.70	24484.81	24516.93	24549.06	24581.20	24613.35
90.0	24645.51	24677.68	24709.87	24742.06	24774.26	24806.48	24838.70	24870.94	24903.19	24935.45
91.0	24967.71	24999.99	25032.28	25064.58	25096.89	25129.21	25161.54	25193.89	25226.24	25258.61
92.0	25290.98	25323.36	25355.76	25388.17	25420.59	25453.02	25485.45	25517.90	25550.36	25582.83
93.0	25615.32	25647.81	25680.31	25712.82	25745.35	25777.88	25810.43	25842.98	25875.55	25908.13
94.0	25940.72	25973.32	26005.93	26038.55	26071.18	26103.82	26136.47	26169.14	26201.81	26234.50
95.0	26267.19	26299.89	26332.61	26365.34	26398.08	26430.83	26463.59	26496.36	26529.14	26561.93
96.0	26594.73	26627.54	26660.37	26693.20	26726.04	26758.90	26791.77	26824.64	26857.53	26890.43
97.0	26923.34	26956.26	26989.19	27022.13	27055.08	27088.04	27121.01	27154.00	27186.99	27220.00
98.0	27253.01	27286.04	27319.07	27352.12	27385.18	27418.25	27451.33	27484.42	27517.52	27550.63
99.0	27583.75	27616.89	27650.03	27683.18	27716.35	27749.53	27782.71	27815.91	27849.12	27882.34

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 4% CAL. DATE: 01/14/75

INSTRUMENT: NDIR315B TRAIN: MASS PIC: MCMILLEN

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = 0.25619821D-02
A(1) = 0.26997064D-01
A(2) = 0.13440234D-03

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	0.0		
21.5	0.6	21.5	0.6	-0.0	-0.750
46.0	1.5	46.0	1.5	0.0	0.119
63.5	2.3	63.5	2.3	-0.0	-0.096
82.5	3.1	82.5	3.1	0.0	0.210
98.0	3.9	98.0	3.9	-0.0	-0.100

C110

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 4% CAL. DATE: 01/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.03
1.0	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05
2.0	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08
3.0	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11
4.0	0.11	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14
5.0	0.14	0.14	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.17
6.0	0.17	0.17	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.20
7.0	0.20	0.20	0.20	0.21	0.21	0.21	0.22	0.22	0.22	0.22
8.0	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.25	0.25	0.25
9.0	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.28	0.28	0.28
10.0	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.31	0.31	0.31
11.0	0.32	0.32	0.32	0.32	0.33	0.33	0.33	0.34	0.34	0.34
12.0	0.35	0.35	0.35	0.35	0.36	0.36	0.36	0.37	0.37	0.37
13.0	0.38	0.38	0.38	0.39	0.39	0.39	0.39	0.40	0.40	0.40
14.0	0.41	0.41	0.41	0.42	0.42	0.42	0.43	0.43	0.43	0.43
15.0	0.44	0.44	0.44	0.45	0.45	0.45	0.46	0.46	0.46	0.47
16.0	0.47	0.47	0.48	0.48	0.48	0.48	0.49	0.49	0.49	0.50
17.0	0.50	0.50	0.51	0.51	0.51	0.52	0.52	0.52	0.53	0.53
18.0	0.53	0.54	0.54	0.54	0.54	0.55	0.55	0.55	0.56	0.56
19.0	0.56	0.57	0.57	0.57	0.58	0.58	0.58	0.59	0.59	0.59
20.0	0.60	0.60	0.60	0.61	0.61	0.61	0.62	0.62	0.62	0.63
21.0	0.63	0.63	0.64	0.64	0.64	0.65	0.65	0.65	0.65	0.66
22.0	0.66	0.66	0.67	0.67	0.67	0.68	0.68	0.68	0.69	0.69
23.0	0.69	0.70	0.70	0.70	0.71	0.71	0.71	0.72	0.72	0.72
24.0	0.73	0.73	0.73	0.74	0.74	0.74	0.75	0.75	0.75	0.76
25.0	0.76	0.76	0.77	0.77	0.77	0.78	0.78	0.79	0.79	0.79
26.0	0.80	0.80	0.80	0.81	0.81	0.81	0.82	0.82	0.82	0.83
27.0	0.83	0.83	0.84	0.84	0.84	0.85	0.85	0.85	0.86	0.86
28.0	0.86	0.87	0.87	0.87	0.88	0.88	0.88	0.89	0.89	0.90
29.0	0.90	0.90	0.91	0.91	0.91	0.92	0.92	0.92	0.93	0.93
30.0	0.93	0.94	0.94	0.94	0.95	0.95	0.95	0.96	0.96	0.97
31.0	0.97	0.97	0.98	0.98	0.98	0.99	0.99	0.99	1.00	1.00
32.0	1.00	1.01	1.01	1.01	1.02	1.02	1.03	1.03	1.03	1.04
33.0	1.04	1.04	1.05	1.05	1.05	1.06	1.06	1.07	1.07	1.07
34.0	1.08	1.08	1.08	1.09	1.09	1.09	1.10	1.10	1.10	1.11

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 4% CAL. DATE: 01/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	1.11	1.12	1.12	1.12	1.13	1.13	1.13	1.14	1.14	1.14
36.0	1.15	1.15	1.16	1.16	1.16	1.17	1.17	1.17	1.18	1.18
37.0	1.19	1.19	1.19	1.20	1.20	1.20	1.21	1.21	1.22	1.22
38.0	1.22	1.23	1.23	1.23	1.24	1.24	1.24	1.25	1.25	1.26
39.0	1.26	1.26	1.27	1.27	1.27	1.28	1.28	1.29	1.29	1.29
40.0	1.30	1.30	1.31	1.31	1.31	1.32	1.32	1.32	1.33	1.33
41.0	1.34	1.34	1.34	1.35	1.35	1.35	1.36	1.36	1.37	1.37
42.0	1.37	1.38	1.38	1.39	1.39	1.39	1.40	1.40	1.40	1.41
43.0	1.41	1.42	1.42	1.42	1.43	1.43	1.44	1.44	1.44	1.45
44.0	1.45	1.45	1.46	1.46	1.47	1.47	1.47	1.48	1.48	1.49
45.0	1.49	1.49	1.50	1.50	1.51	1.51	1.51	1.52	1.52	1.52
46.0	1.53	1.53	1.54	1.54	1.54	1.55	1.55	1.56	1.56	1.56
47.0	1.57	1.57	1.58	1.58	1.58	1.59	1.59	1.60	1.60	1.60
48.0	1.61	1.61	1.62	1.62	1.62	1.63	1.63	1.64	1.64	1.64
49.0	1.65	1.65	1.66	1.66	1.66	1.67	1.67	1.68	1.68	1.68
50.0	1.69	1.69	1.70	1.70	1.70	1.71	1.71	1.72	1.72	1.72
51.0	1.73	1.73	1.74	1.74	1.75	1.75	1.75	1.76	1.76	1.77
52.0	1.77	1.77	1.78	1.78	1.79	1.79	1.79	1.80	1.80	1.81
53.0	1.81	1.82	1.82	1.82	1.83	1.83	1.84	1.84	1.84	1.85
54.0	1.85	1.86	1.86	1.86	1.87	1.87	1.88	1.88	1.89	1.89
55.0	1.89	1.90	1.90	1.91	1.91	1.91	1.92	1.92	1.93	1.93
56.0	1.94	1.94	1.94	1.95	1.95	1.96	1.96	1.97	1.97	1.97
57.0	1.98	1.98	1.99	1.99	2.00	2.00	2.00	2.01	2.01	2.02
58.0	2.02	2.02	2.03	2.03	2.04	2.04	2.05	2.05	2.05	2.06
59.0	2.06	2.07	2.07	2.08	2.08	2.08	2.09	2.09	2.10	2.10
60.0	2.11	2.11	2.11	2.12	2.12	2.13	2.13	2.14	2.14	2.15
61.0	2.15	2.15	2.16	2.1'	2.17	2.17	2.18	2.18	2.18	2.19
62.0	2.19	2.20	2.20	2.21	2.21	2.21	2.22	2.22	2.23	2.23
63.0	2.24	2.24	2.25	2.25	2.25	2.26	2.26	2.27	2.27	2.28
64.0	2.28	2.29	2.29	2.29	2.30	2.30	2.31	2.31	2.32	2.32
65.0	2.33	2.33	2.33	2.34	2.34	2.35	2.35	2.36	2.36	2.37
66.0	2.37	2.37	2.38	2.38	2.39	2.39	2.40	2.40	2.41	2.41
67.0	2.41	2.42	2.42	2.43	2.43	2.44	2.44	2.45	2.45	2.46
68.0	2.46	2.46	2.47	2.47	2.48	2.48	2.49	2.49	2.50	2.50
69.0	2.51	2.51	2.51	2.52	2.52	2.53	2.53	2.54	2.54	2.55

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO2 RANGE: 0 - 4% CAL. DATE: 01/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	2.55	2.56	2.56	2.56	2.57	2.57	2.58	2.58	2.59	2.59
71.0	2.60	2.60	2.61	2.61	2.62	2.62	2.62	2.63	2.63	2.64
72.0	2.64	2.65	2.65	2.66	2.66	2.67	2.67	2.68	2.68	2.68
73.0	2.69	2.69	2.70	2.70	2.71	2.71	2.72	2.72	2.73	2.73
74.0	2.74	2.74	2.75	2.75	2.76	2.76	2.76	2.77	2.77	2.78
75.0	2.78	2.79	2.79	2.80	2.80	2.81	2.81	2.82	2.82	2.83
76.0	2.83	2.84	2.84	2.84	2.85	2.85	2.86	2.86	2.87	2.87
77.0	2.88	2.88	2.89	2.89	2.90	2.90	2.91	2.91	2.92	2.92
78.0	2.93	2.93	2.94	2.94	2.95	2.95	2.95	2.96	2.96	2.97
79.0	2.97	2.98	2.98	2.99	2.99	3.00	3.00	3.01	3.01	3.02
80.0	3.02	3.03	3.03	3.04	3.04	3.05	3.05	3.06	3.06	3.07
81.0	3.07	3.08	3.08	3.09	3.09	3.10	3.10	3.11	3.11	3.12
82.0	3.12	3.12	3.13	3.13	3.14	3.14	3.15	3.15	3.16	3.16
83.0	3.17	3.17	3.18	3.18	3.19	3.19	3.20	3.20	3.21	3.21
84.0	3.22	3.22	3.23	3.23	3.24	3.24	3.25	3.25	3.26	3.26
85.0	3.27	3.27	3.28	3.28	3.29	3.29	3.30	3.30	3.31	3.31
86.0	3.32	3.32	3.33	3.33	3.34	3.34	3.35	3.35	3.36	3.36
87.0	3.37	3.37	3.38	3.38	3.39	3.39	3.40	3.40	3.41	3.41
88.0	3.42	3.42	3.43	3.43	3.44	3.44	3.45	3.45	3.46	3.46
89.0	3.47	3.47	3.48	3.49	3.49	3.50	3.50	3.51	3.51	3.52
90.0	3.52	3.53	3.53	3.54	3.54	3.55	3.55	3.56	3.56	3.57
91.0	3.57	3.58	3.58	3.59	3.59	3.60	3.60	3.61	3.61	3.62
92.0	3.62	3.63	3.63	3.64	3.64	3.65	3.65	3.66	3.67	3.67
93.0	3.68	3.68	3.69	3.69	3.70	3.70	3.71	3.71	3.72	3.72
94.0	3.73	3.73	3.74	3.74	3.75	3.75	3.76	3.76	3.77	3.78
95.0	3.78	3.79	3.79	3.80	3.80	3.81	3.81	3.82	3.82	3.83
96.0	3.83	3.84	3.84	3.85	3.85	3.86	3.86	3.87	3.88	3.88
97.0	3.89	3.89	3.90	3.90	3.91	3.91	3.92	3.92	3.93	3.93
98.0	3.94	3.94	3.95	3.96	3.96	3.97	3.97	3.98	3.98	3.99
99.0	3.99	4.00	4.00	4.01	4.01	4.02	4.02	4.03	4.04	4.04

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 100 PPM CAL. DATE: 01/14/75

INSTRUMENT: CL 125 TRAIN: MASS PIC: MCMILLEN

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = 0.69642007D-01
A(1) = 0.10007327D+01

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	0.1		
32.1	32.3	32.1	32.2	-0.1	-0.331
92.2	92.3	92.2	92.3	0.0	0.040

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 100 PPM CAL. DATE: 01/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	0.07	0.17	0.27	0.37	0.47	0.57	0.67	0.77	0.87	0.97
1.0	1.07	1.17	1.27	1.37	1.47	1.57	1.67	1.77	1.87	1.97
2.0	2.07	2.17	2.27	2.37	2.47	2.57	2.67	2.77	2.87	2.97
3.0	3.07	3.17	3.27	3.37	3.47	3.57	3.67	3.77	3.87	3.97
4.0	4.07	4.17	4.27	4.37	4.47	4.57	4.67	4.77	4.87	4.97
5.0	5.07	5.17	5.27	5.37	5.47	5.57	5.67	5.77	5.87	5.97
6.0	6.07	6.17	6.27	6.37	6.47	6.57	6.67	6.77	6.87	6.97
7.0	7.07	7.17	7.27	7.37	7.48	7.58	7.68	7.78	7.88	7.98
8.0	8.08	8.18	8.28	8.38	8.48	8.58	8.68	8.78	8.88	8.98
9.0	9.08	9.18	9.28	9.38	9.48	9.58	9.68	9.78	9.88	9.98
10.0	10.08	10.18	10.28	10.38	10.48	10.58	10.68	10.78	10.88	10.98
11.0	11.08	11.18	11.28	11.38	11.48	11.58	11.68	11.78	11.88	11.98
12.0	12.08	12.18	12.28	12.38	12.48	12.58	12.68	12.78	12.88	12.98
13.0	13.08	13.18	13.28	13.38	13.48	13.58	13.68	13.78	13.88	13.98
14.0	14.08	14.18	14.28	14.38	14.48	14.58	14.68	14.78	14.88	14.98
15.0	15.08	15.18	15.28	15.38	15.48	15.58	15.68	15.78	15.88	15.98
16.0	16.08	16.18	16.28	16.38	16.48	16.58	16.68	16.78	16.88	16.98
17.0	17.08	17.18	17.28	17.38	17.48	17.58	17.68	17.78	17.88	17.98
18.0	18.08	18.18	18.28	18.38	18.48	18.58	18.68	18.78	18.88	18.98
19.0	19.08	19.18	19.28	19.38	19.48	19.58	19.68	19.78	19.88	19.98
20.0	20.08	20.18	20.28	20.38	20.48	20.58	20.68	20.78	20.88	20.98
21.0	21.09	21.19	21.29	21.39	21.49	21.59	21.69	21.79	21.89	21.99
22.0	22.09	22.19	22.29	22.39	22.49	22.59	22.69	22.79	22.89	22.99
23.0	23.09	23.19	23.29	23.39	23.49	23.59	23.69	23.79	23.89	23.99
24.0	24.09	24.19	24.29	24.39	24.49	24.59	24.69	24.79	24.89	24.99
25.0	25.09	25.19	25.29	25.39	25.49	25.59	25.69	25.79	25.89	25.99
26.0	26.09	26.19	26.29	26.39	26.49	26.59	26.69	26.79	26.89	26.99
27.0	27.09	27.19	27.29	27.39	27.49	27.59	27.69	27.79	27.89	27.99
28.0	28.09	28.19	28.29	28.39	28.49	28.59	28.69	28.79	28.89	28.99
29.0	29.09	29.19	29.29	29.39	29.49	29.59	29.69	29.79	29.89	29.99
30.0	30.09	30.19	30.29	30.39	30.49	30.59	30.69	30.79	30.89	30.99
31.0	31.09	31.19	31.29	31.39	31.49	31.59	31.69	31.79	31.89	31.99
32.0	32.09	32.19	32.29	32.39	32.49	32.59	32.69	32.79	32.89	32.99
33.0	33.09	33.19	33.29	33.39	33.49	33.59	33.69	33.79	33.89	33.99
34.0	34.09	34.19	34.29	34.39	34.49	34.59	34.69	34.80	34.90	35.00

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 100 PPM CAL. DATE: 01/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	35.10	35.20	35.30	35.40	35.50	35.60	35.70	35.80	35.90	36.00
36.0	36.10	36.20	36.30	36.40	36.50	36.60	36.70	36.80	36.90	37.00
37.0	37.10	37.20	37.30	37.40	37.50	37.60	37.70	37.80	37.90	38.00
38.0	38.10	38.20	38.30	38.40	38.50	38.60	38.70	38.80	38.90	39.00
39.0	39.10	39.20	39.30	39.40	39.50	39.60	39.70	39.80	39.90	40.00
40.0	40.10	40.20	40.30	40.40	40.50	40.60	40.70	40.80	40.90	41.00
41.0	41.10	41.20	41.30	41.40	41.50	41.60	41.70	41.80	41.90	42.00
42.0	42.10	42.20	42.30	42.40	42.50	42.60	42.70	42.80	42.90	43.00
43.0	43.10	43.20	43.30	43.40	43.50	43.60	43.70	43.80	43.90	44.00
44.0	44.10	44.20	44.30	44.40	44.50	44.60	44.70	44.80	44.90	45.00
45.0	45.10	45.20	45.30	45.40	45.50	45.60	45.70	45.80	45.90	46.00
46.0	46.10	46.20	46.30	46.40	46.50	46.60	46.70	46.80	46.90	47.00
47.0	47.10	47.20	47.30	47.40	47.50	47.60	47.70	47.80	47.90	48.00
48.0	48.10	48.20	48.30	48.41	48.51	48.61	48.71	48.81	48.91	49.01
49.0	49.11	49.21	49.31	49.41	49.51	49.61	49.71	49.81	49.91	50.01
50.0	50.11	50.21	50.31	50.41	50.51	50.61	50.71	50.81	50.91	51.01
51.0	51.11	51.21	51.31	51.41	51.51	51.61	51.71	51.81	51.91	52.01
52.0	52.11	52.21	52.31	52.41	52.51	52.61	52.71	52.81	52.91	53.01
53.0	53.11	53.21	53.31	53.41	53.51	53.61	53.71	53.81	53.91	54.01
54.0	54.11	54.21	54.31	54.41	54.51	54.61	54.71	54.81	54.91	55.01
55.0	55.11	55.21	55.31	55.41	55.51	55.61	55.71	55.81	55.91	56.01
56.0	56.11	56.21	56.31	56.41	56.51	56.61	56.71	56.81	56.91	57.01
57.0	57.11	57.21	57.31	57.41	57.51	57.61	57.71	57.81	57.91	58.01
58.0	58.11	58.21	58.31	58.41	58.51	58.61	58.71	58.81	58.91	59.01
59.0	59.11	59.21	59.31	59.41	59.51	59.61	59.71	59.81	59.91	60.01
60.0	60.11	60.21	60.31	60.41	60.51	60.61	60.71	60.81	60.91	61.01
61.0	61.11	61.21	61.31	61.41	61.51	61.61	61.71	61.81	61.91	62.01
62.0	62.12	62.22	62.32	62.42	62.52	62.62	62.72	62.82	62.92	63.02
63.0	63.12	63.22	63.32	63.42	63.52	63.62	63.72	63.82	63.92	64.02
64.0	64.12	64.22	64.32	64.42	64.52	64.62	64.72	64.82	64.92	65.02
65.0	65.12	65.22	65.32	65.42	65.52	65.62	65.72	65.82	65.92	66.02
66.0	66.12	66.22	66.32	66.42	66.52	66.62	66.72	66.82	66.92	67.02
67.0	67.12	67.22	67.32	67.42	67.52	67.62	67.72	67.82	67.92	68.02
68.0	68.12	68.22	68.32	68.42	68.52	68.62	68.72	68.82	68.92	69.02
69.0	69.12	69.22	69.32	69.42	69.52	69.62	69.72	69.82	69.92	70.02

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 100 PPM CAL. DATE: 01/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	70.12	70.22	70.32	70.42	70.52	70.62	70.72	70.82	70.92	71.02
71.0	71.12	71.22	71.32	71.42	71.52	71.62	71.72	71.82	71.92	72.02
72.0	72.12	72.22	72.32	72.42	72.52	72.62	72.72	72.82	72.92	73.02
73.0	73.12	73.22	73.32	73.42	73.52	73.62	73.72	73.82	73.92	74.02
74.0	74.12	74.22	74.32	74.42	74.52	74.62	74.72	74.82	74.92	75.02
75.0	75.12	75.22	75.32	75.42	75.52	75.62	75.73	75.83	75.93	76.03
76.0	76.13	76.23	76.33	76.43	76.53	76.63	76.73	76.83	76.93	77.03
77.0	77.13	77.23	77.33	77.43	77.53	77.63	77.73	77.83	77.93	78.03
78.0	78.13	78.23	78.33	78.43	78.53	78.63	78.73	78.83	78.93	79.03
79.0	79.13	79.23	79.33	79.43	79.53	79.63	79.73	79.83	79.93	80.03
80.0	80.13	80.23	80.33	80.43	80.53	80.63	80.73	80.83	80.93	81.03
81.0	81.13	81.23	81.33	81.43	81.53	81.63	81.73	81.83	81.93	82.03
82.0	82.13	82.23	82.33	82.43	82.53	82.63	82.73	82.83	82.93	83.03
83.0	83.13	83.23	83.33	83.43	83.53	83.63	83.73	83.83	83.93	84.03
84.0	84.13	84.23	84.33	84.43	84.53	84.63	84.73	84.83	84.93	85.03
85.0	85.13	85.23	85.33	85.43	85.53	85.63	85.73	85.83	85.93	86.03
86.0	86.13	86.23	86.33	86.43	86.53	86.63	86.73	86.83	86.93	87.03
87.0	87.13	87.23	87.33	87.43	87.53	87.63	87.73	87.83	87.93	88.03
88.0	88.13	88.23	88.33	88.43	88.53	88.63	88.73	88.83	88.93	89.03
89.0	89.13	89.23	89.34	89.44	89.54	89.64	89.74	89.84	89.94	90.04
90.0	90.14	90.24	90.34	90.44	90.54	90.64	90.74	90.84	90.94	91.04
91.0	91.14	91.24	91.34	91.44	91.54	91.64	91.74	91.84	91.94	92.04
92.0	92.14	92.24	92.34	92.44	92.54	92.64	92.74	92.84	92.94	93.04
93.0	93.14	93.24	93.34	93.44	93.54	93.64	93.74	93.84	93.94	94.04
94.0	94.14	94.24	94.34	94.44	94.54	94.64	94.74	94.84	94.94	95.04
95.0	95.14	95.24	95.34	95.44	95.54	95.64	95.74	95.84	95.94	96.04
96.0	96.14	96.24	96.34	96.44	96.54	96.64	96.74	96.84	96.94	97.04
97.0	97.14	97.24	97.34	97.44	97.54	97.64	97.74	97.84	97.94	98.04
98.0	98.14	98.24	98.34	98.44	98.54	98.64	98.74	98.84	98.94	99.04
99.0	99.14	99.24	99.34	99.44	99.54	99.64	99.74	99.84	99.94	100.04

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 250 PPM CAL. DATE: 01/14/75

INSTRUMENT: CL 125 TRAIN: MASS PIC: MALLOW

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.75322580D-01
A(1) = 0.25012152D+01

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-0.1		
13.0	32.3	13.0	32.4	0.1	0.435
36.9	92.3	36.9	92.2	-0.1	-0.087
74.6	186.5	74.6	186.5	0.0	0.008

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 250 PPM CAL. DATE: 01/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-0.08	0.17	0.42	0.68	0.93	1.18	1.43	1.68	1.93	2.18
1.0	2.43	2.68	2.93	3.18	3.43	3.68	3.93	4.18	4.43	4.68
2.0	4.93	5.18	5.43	5.68	5.93	6.18	6.43	6.68	6.93	7.18
3.0	7.43	7.68	7.93	8.18	8.43	8.68	8.93	9.18	9.43	9.68
4.0	9.93	10.18	10.43	10.68	10.93	11.18	11.43	11.68	11.93	12.18
5.0	12.43	12.68	12.93	13.18	13.43	13.68	13.93	14.18	14.43	14.68
6.0	14.93	15.18	15.43	15.68	15.93	16.18	16.43	16.68	16.93	17.18
7.0	17.43	17.68	17.93	18.18	18.43	18.68	18.93	19.18	19.43	19.68
8.0	19.93	20.18	20.43	20.68	20.93	21.18	21.44	21.69	21.94	22.19
9.0	22.44	22.69	22.94	23.19	23.44	23.69	23.94	24.19	24.44	24.69
10.0	24.94	25.19	25.44	25.69	25.94	26.19	26.44	26.69	26.94	27.19
11.0	27.44	27.69	27.94	28.19	28.44	28.69	28.94	29.19	29.44	29.69
12.0	29.94	30.19	30.44	30.69	30.94	31.19	31.44	31.69	31.94	32.19
13.0	32.44	32.69	32.94	33.19	33.44	33.69	33.94	34.19	34.44	34.69
14.0	34.94	35.19	35.44	35.69	35.94	36.19	36.44	36.69	36.94	37.19
15.0	37.44	37.69	37.94	38.19	38.44	38.69	38.94	39.19	39.44	39.69
16.0	39.94	40.19	40.44	40.69	40.94	41.19	41.44	41.69	41.95	42.20
17.0	42.45	42.70	42.95	43.20	43.45	43.70	43.95	44.20	44.45	44.70
18.0	44.95	45.20	45.45	45.70	45.95	46.20	46.45	46.70	46.95	47.20
19.0	47.45	47.70	47.95	48.20	48.45	48.70	48.95	49.20	49.45	49.70
20.0	49.95	50.20	50.45	50.70	50.95	51.20	51.45	51.70	51.95	52.20
21.0	52.45	52.70	52.95	53.20	53.45	53.70	53.95	54.20	54.45	54.70
22.0	54.95	55.20	55.45	55.70	55.95	56.20	56.45	56.70	56.95	57.20
23.0	57.45	57.70	57.95	58.20	58.45	58.70	58.95	59.20	59.45	59.70
24.0	59.95	60.20	60.45	60.70	60.95	61.20	61.45	61.70	61.95	62.20
25.0	62.46	62.71	62.96	63.21	63.46	63.71	63.96	64.21	64.46	64.71
26.0	64.96	65.21	65.46	65.71	65.96	66.21	66.46	66.71	66.96	67.21
27.0	67.46	67.71	67.96	68.21	68.46	68.71	68.96	69.21	69.46	69.71
28.0	69.96	70.21	70.46	70.71	70.96	71.21	71.46	71.71	71.96	72.21
29.0	72.46	72.71	72.96	73.21	73.46	73.71	73.96	74.21	74.46	74.71
30.0	74.96	75.21	75.46	75.71	75.96	76.21	76.46	76.71	76.96	77.21
31.0	77.46	77.71	77.96	78.21	78.46	78.71	78.96	79.21	79.46	79.71
32.0	79.96	80.21	80.46	80.71	80.96	81.21	81.46	81.71	81.96	82.21
33.0	82.46	82.71	82.97	83.22	83.47	83.72	83.97	84.22	84.47	84.72
34.0	84.97	85.22	85.47	85.72	85.97	86.22	86.47	86.72	86.97	87.22

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 250 PPM CAL. DATE: 01/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	87.47	87.72	87.97	88.22	88.47	88.72	88.97	89.22	89.47	89.72
36.0	89.97	90.22	90.47	90.72	90.97	91.22	91.47	91.72	91.97	92.22
37.0	92.47	92.72	92.97	93.22	93.47	93.72	93.97	94.22	94.47	94.72
38.0	94.97	95.22	95.47	95.72	95.97	96.22	96.47	96.72	96.97	97.22
39.0	97.47	97.72	97.97	98.22	98.47	98.72	98.97	99.22	99.47	99.72
40.0	99.97	100.22	100.47	100.72	100.97	101.22	101.47	101.72	101.97	102.22
41.0	102.47	102.72	102.97	103.22	103.48	103.73	103.98	104.23	104.48	104.73
42.0	104.98	105.23	105.48	105.73	105.98	106.23	106.48	106.73	106.98	107.23
43.0	107.48	107.73	107.98	108.23	108.48	108.73	108.98	109.23	109.48	109.73
44.0	109.98	110.23	110.48	110.73	110.98	111.23	111.48	111.73	111.98	112.23
45.0	112.48	112.73	112.98	113.23	113.48	113.73	113.98	114.23	114.48	114.73
46.0	114.98	115.23	115.48	115.73	115.98	116.23	116.48	116.73	116.98	117.23
47.0	117.48	117.73	117.98	118.23	118.48	118.73	118.98	119.23	119.48	119.73
48.0	119.98	120.23	120.48	120.73	120.98	121.23	121.48	121.73	121.98	122.23
49.0	122.48	122.73	122.98	123.23	123.48	123.73	123.98	124.24	124.49	124.74
50.0	124.99	125.24	125.49	125.74	125.99	126.24	126.49	126.74	126.99	127.24
51.0	127.49	127.74	127.99	128.24	128.49	128.74	128.99	129.24	129.49	129.74
52.0	129.99	130.24	130.49	130.74	130.99	131.24	131.49	131.74	131.99	132.24
53.0	132.49	132.74	132.99	133.24	133.49	133.74	133.99	134.24	134.49	134.74
54.0	134.99	135.24	135.49	135.74	135.99	136.24	136.49	136.74	136.99	137.24
55.0	137.49	137.74	137.99	138.24	138.49	138.74	138.99	139.24	139.49	139.74
56.0	139.99	140.24	140.49	140.74	140.99	141.24	141.49	141.74	141.99	142.24
57.0	142.49	142.74	142.99	143.24	143.49	143.74	143.99	144.24	144.49	144.75
58.0	145.00	145.25	145.50	145.75	146.00	146.25	146.50	146.75	147.00	147.25
59.0	147.50	147.75	148.00	148.25	148.50	148.75	149.00	149.25	149.50	149.75
60.0	150.00	150.25	150.50	150.75	151.00	151.25	151.50	151.75	152.00	152.25
61.0	152.50	152.75	153.00	153.25	153.50	153.75	154.00	154.25	154.50	154.75
62.0	155.00	155.25	155.50	155.75	156.00	156.25	156.50	156.75	157.00	157.25
63.0	157.50	157.75	158.00	158.25	158.50	158.75	159.00	159.25	159.50	159.75
64.0	160.00	160.25	160.50	160.75	161.00	161.25	161.50	161.75	162.00	162.25
65.0	162.50	162.75	163.00	163.25	163.50	163.75	164.00	164.25	164.50	164.75
66.0	165.00	165.26	165.51	165.76	166.01	166.26	166.51	166.76	167.01	167.26
67.0	167.51	167.76	168.01	168.26	168.51	168.76	169.01	169.26	169.51	169.76
68.0	170.01	170.26	170.51	170.76	171.01	171.26	171.51	171.76	172.01	172.26
69.0	172.51	172.76	173.01	173.26	173.51	173.76	174.01	174.26	174.51	174.76

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 250 PPM CAL. DATE: 01/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	175.01	175.26	175.51	175.76	176.01	176.26	176.51	176.76	177.01	177.26
71.0	177.51	177.76	178.01	178.26	178.51	178.76	179.01	179.26	179.51	179.76
72.0	180.01	180.26	180.51	180.76	181.01	181.26	181.51	181.76	182.01	182.26
73.0	182.51	182.76	183.01	183.26	183.51	183.76	184.01	184.26	184.51	184.76
74.0	185.01	185.26	185.51	185.76	186.02	186.27	186.52	186.77	187.02	187.27
75.0	187.52	187.77	188.02	188.27	188.52	188.77	189.02	189.27	189.52	189.77
76.0	190.02	190.27	190.52	190.77	191.02	191.27	191.52	191.77	192.02	192.27
77.0	192.52	192.77	193.02	193.27	193.52	193.77	194.02	194.27	194.52	194.77
78.0	195.02	195.27	195.52	195.77	196.02	196.27	196.52	196.77	197.02	197.27
79.0	197.52	197.77	198.02	198.27	198.52	198.77	199.02	199.27	199.52	199.77
80.0	200.02	200.27	200.52	200.77	201.02	201.27	201.52	201.77	202.02	202.27
81.0	202.52	202.77	203.02	203.27	203.52	203.77	204.02	204.27	204.52	204.77
82.0	205.02	205.27	205.52	205.77	206.02	206.27	206.53	206.78	207.03	207.28
83.0	207.53	207.78	208.03	208.28	208.53	208.78	209.03	209.28	209.53	209.78
84.0	210.03	210.28	210.53	210.78	211.03	211.28	211.53	211.78	212.03	212.28
85.0	212.53	212.78	213.03	213.28	213.53	213.78	214.03	214.28	214.53	214.78
86.0	215.03	215.28	215.53	215.78	216.03	216.28	216.53	216.78	217.03	217.28
87.0	217.53	217.78	218.03	218.28	218.53	218.78	219.03	219.28	219.53	219.78
88.0	220.03	220.28	220.53	220.78	221.03	221.28	221.53	221.78	222.03	222.28
89.0	222.53	222.78	223.03	223.28	223.53	223.78	224.03	224.28	224.53	224.78
90.0	225.03	225.28	225.53	225.78	226.03	226.28	226.53	226.78	227.04	227.29
91.0	227.54	227.79	228.04	228.29	228.54	228.79	229.04	229.29	229.54	229.79
92.0	230.04	230.29	230.54	230.79	231.04	231.29	231.54	231.79	232.04	232.29
93.0	232.54	232.79	233.04	233.29	233.54	233.79	234.04	234.29	234.54	234.79
94.0	235.04	235.29	235.54	235.79	236.04	236.29	236.54	236.79	237.04	237.29
95.0	237.54	237.79	238.04	238.29	238.54	238.79	239.04	239.29	239.54	239.79
96.0	240.04	240.29	240.54	240.79	241.04	241.29	241.54	241.79	242.04	242.29
97.0	242.54	242.79	243.04	243.29	243.54	243.79	244.04	244.29	244.54	244.79
98.0	245.04	245.29	245.54	245.79	246.04	246.29	246.54	246.79	247.04	247.29
99.0	247.55	247.80	248.05	248.30	248.55	248.80	249.05	249.30	249.55	249.80

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 1000 PPM CAL. DATE: 01/15/75

INSTRUMENT: CL 125 TRAIN: MASS PIC: MALLOW

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = 0.33619549D+01
A(1) = 0.99485478D+01

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	3.4		
22.8	234.0	22.8	230.2	-3.8	-1.629
61.5	618.0	61.5	615.2	-2.8	-0.453
86.0	854.0	86.0	858.9	4.9	0.578
98.1	981.0	98.1	979.3	-1.7	-0.172

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 1000 PPM CAL. DATE: 01/15/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	3.36	4.36	5.35	6.35	7.34	8.34	9.33	10.33	11.32	12.32
1.0	13.31	14.31	15.30	16.30	17.29	18.28	19.28	20.27	21.27	22.26
2.0	23.26	24.25	25.25	26.24	27.24	28.23	29.23	30.22	31.22	32.21
3.0	33.21	34.20	35.20	36.19	37.19	38.18	39.18	40.17	41.17	42.16
4.0	43.16	44.15	45.15	46.14	47.14	48.13	49.13	50.12	51.11	52.11
5.0	53.10	54.10	55.09	56.09	57.08	58.08	59.07	60.07	61.06	62.06
6.0	63.05	64.05	65.04	66.04	67.03	68.03	69.02	70.02	71.01	72.01
7.0	73.00	74.00	74.99	75.99	76.98	77.98	78.97	79.97	80.96	81.96
8.0	82.95	83.95	84.94	85.93	86.93	87.92	88.92	89.91	90.91	91.90
9.0	92.90	93.89	94.89	95.88	96.88	97.87	98.87	99.86	100.86	101.85
10.0	102.85	103.84	104.84	105.83	106.83	107.82	108.82	109.81	110.81	111.80
11.0	112.80	113.79	114.79	115.78	116.78	117.77	118.77	119.76	120.75	121.75
12.0	122.74	123.74	124.73	125.73	126.72	127.72	128.71	129.71	130.70	131.70
13.0	132.69	133.69	134.68	135.68	136.67	137.67	138.66	139.66	140.65	141.65
14.0	142.64	143.64	144.63	145.63	146.62	147.62	148.61	149.61	150.60	151.60
15.0	152.59	153.59	154.58	155.57	156.57	157.56	158.56	159.55	160.55	161.54
16.0	162.54	163.53	164.53	165.52	166.52	167.51	168.51	169.50	170.50	171.49
17.0	172.49	173.48	174.48	175.47	176.47	177.46	178.46	179.45	180.45	181.44
18.0	182.44	183.43	184.43	185.42	186.42	187.41	188.40	189.40	190.39	191.39
19.0	192.38	193.38	194.37	195.37	196.36	197.36	198.35	199.35	200.34	201.34
20.0	202.33	203.33	204.32	205.32	206.31	207.31	208.30	209.30	210.29	211.29
21.0	212.28	213.28	214.27	215.27	216.26	217.26	218.25	219.25	220.24	221.24
22.0	222.23	223.22	224.22	225.21	226.21	227.20	228.20	229.19	230.19	231.18
23.0	232.18	233.17	234.17	235.16	236.16	237.15	238.15	239.14	240.14	241.13
24.0	242.13	243.12	244.12	245.11	246.11	247.10	248.10	249.09	250.09	251.08
25.0	252.08	253.07	254.07	255.06	256.05	257.05	258.04	259.04	260.03	261.03
26.0	262.02	263.02	264.01	265.01	266.00	267.00	267.99	268.99	269.98	270.98
27.0	271.97	272.97	273.96	274.96	275.95	276.95	277.94	278.94	279.93	280.93
28.0	281.92	282.92	283.91	284.91	285.90	286.90	287.89	288.89	289.88	290.87
29.0	291.87	292.86	293.86	294.85	295.85	296.84	297.84	298.83	299.83	300.82
30.0	301.82	302.81	303.81	304.80	305.80	306.79	307.79	308.78	309.78	310.77
31.0	311.77	312.76	313.76	314.75	315.75	316.74	317.74	318.73	319.73	320.72
32.0	321.72	322.71	323.71	324.70	325.69	326.69	327.68	328.68	329.67	330.67
33.0	331.66	332.66	333.65	334.65	335.64	336.64	337.63	338.63	339.62	340.62
34.0	341.61	342.61	343.60	344.60	345.59	346.59	347.58	348.58	349.57	350.57

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 1000 PPM CAL. DATE: 01/15/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	351.56	352.56	353.55	354.55	355.54	356.54	357.53	358.53	359.52	360.51
36.0	361.51	362.50	363.50	364.49	365.49	366.48	367.48	368.47	369.47	370.46
37.0	371.46	372.45	373.45	374.44	375.44	376.43	377.43	378.42	379.42	380.41
38.0	381.41	382.40	383.40	384.39	385.39	386.38	387.38	388.37	389.37	390.36
39.0	391.36	392.35	393.34	394.34	395.33	396.33	397.32	398.32	399.31	400.31
40.0	401.30	402.30	403.29	404.29	405.28	406.28	407.27	408.27	409.26	410.26
41.0	411.25	412.25	413.24	414.24	415.23	416.23	417.22	418.22	419.21	420.21
42.0	421.20	422.20	423.19	424.19	425.18	426.18	427.17	428.17	429.16	430.15
43.0	431.15	432.14	433.14	434.13	435.13	436.12	437.12	438.11	439.11	440.10
44.0	441.10	442.09	443.09	444.08	445.08	446.07	447.07	448.06	449.06	450.05
45.0	451.05	452.04	453.04	454.03	455.03	456.02	457.02	458.01	459.01	460.00
46.0	461.00	461.99	462.98	463.98	464.97	465.97	466.96	467.96	468.95	469.95
47.0	470.94	471.94	472.93	473.93	474.92	475.92	476.91	477.91	478.90	479.90
48.0	480.89	481.89	482.88	483.88	484.87	485.87	486.86	487.86	488.85	489.85
49.0	490.84	491.84	492.83	493.83	494.82	495.82	496.81	497.80	498.80	499.79
50.0	500.79	501.78	502.78	503.77	504.77	505.76	506.76	507.75	508.75	509.74
51.0	510.74	511.73	512.73	513.72	514.72	515.71	516.71	517.70	518.70	519.69
52.0	520.69	521.68	522.68	523.67	524.67	525.66	526.66	527.65	528.65	529.64
53.0	530.64	531.63	532.62	533.62	534.61	535.61	536.60	537.60	538.59	539.59
54.0	540.58	541.58	542.57	543.57	544.56	545.56	546.55	547.55	548.54	549.54
55.0	550.53	551.53	552.52	553.52	554.51	555.51	556.50	557.50	558.49	559.49
56.0	560.48	561.48	562.47	563.47	564.46	565.45	566.45	567.44	568.44	569.43
57.0	570.43	571.42	572.42	573.41	574.41	575.40	576.40	577.39	578.39	579.38
58.0	580.38	581.37	582.37	583.36	584.36	585.35	586.35	587.34	588.34	589.33
59.0	590.33	591.32	592.32	593.31	594.31	595.30	596.30	597.29	598.29	599.28
60.0	600.27	601.27	602.26	603.26	604.25	605.25	606.24	607.24	608.23	609.23
61.0	610.22	611.22	612.21	613.21	614.20	615.20	616.19	617.19	618.18	619.18
62.0	620.17	621.17	622.16	623.16	624.15	625.15	626.14	627.14	628.13	629.13
63.0	630.12	631.12	632.11	633.10	634.10	635.09	636.09	637.08	638.08	639.07
64.0	640.07	641.06	642.06	643.05	644.05	645.04	646.04	647.03	648.03	649.02
65.0	650.02	651.01	652.01	653.00	654.00	654.99	655.99	656.98	657.98	658.97
66.0	659.97	660.96	661.96	662.95	663.95	664.94	665.94	666.93	667.93	668.92
67.0	669.91	670.91	671.90	672.90	673.89	674.89	675.88	676.88	677.87	678.87
68.0	679.86	680.86	681.85	682.85	683.84	684.84	685.83	686.83	687.82	688.82
69.0	689.81	690.81	691.80	692.80	693.79	694.79	695.78	696.78	697.77	698.77

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 1000 PPM CAL. DATE: 01/15/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	699.76	700.76	701.75	702.74	703.74	704.73	705.73	706.72	707.72	708.71
71.0	709.71	710.70	711.70	712.69	713.69	714.68	715.68	716.67	717.67	718.66
72.0	719.66	720.65	721.65	722.64	723.64	724.63	725.63	726.62	727.62	728.61
73.0	729.61	730.60	731.60	732.59	733.59	734.58	735.58	736.57	737.56	738.56
74.0	739.55	740.55	741.54	742.54	743.53	744.53	745.52	746.52	747.51	748.51
75.0	749.50	750.50	751.49	752.49	753.48	754.48	755.47	756.47	757.46	758.46
76.0	759.45	760.45	761.44	762.44	763.43	764.43	765.42	766.42	767.41	768.41
77.0	769.40	770.40	771.39	772.38	773.38	774.37	775.37	776.36	777.36	778.35
78.0	779.35	780.34	781.34	782.33	783.33	784.32	785.32	786.31	787.31	788.30
79.0	789.30	790.29	791.29	792.28	793.28	794.27	795.27	796.26	797.26	798.25
80.0	799.25	800.24	801.24	802.23	803.23	804.22	805.22	806.21	807.20	808.20
81.0	809.19	810.19	811.18	812.18	813.17	814.17	815.16	816.16	817.15	818.15
82.0	819.14	820.14	821.13	822.13	823.12	824.12	825.11	826.11	827.10	828.10
83.0	829.09	830.09	831.08	832.08	833.07	834.07	835.06	836.06	837.05	838.05
84.0	839.04	840.03	841.03	842.02	843.02	844.01	845.01	846.00	847.00	847.99
85.0	848.99	849.98	850.98	851.97	852.97	853.96	854.96	855.95	856.95	857.94
86.0	858.94	859.93	860.93	861.92	862.92	863.91	864.91	865.90	866.90	867.89
87.0	868.89	869.88	870.88	871.87	872.87	873.86	874.85	875.85	876.84	877.84
88.0	878.83	879.83	880.82	881.82	882.81	883.81	884.80	885.80	886.79	887.79
89.0	888.78	889.78	890.77	891.77	892.76	893.76	894.75	895.75	896.74	897.74
90.0	898.73	899.73	900.72	901.72	902.71	903.71	904.70	905.70	906.69	907.69
91.0	908.68	909.67	910.67	911.66	912.66	913.65	914.65	915.64	916.64	917.63
92.0	918.63	919.62	920.62	921.61	922.61	923.60	924.60	925.59	926.59	927.58
93.0	928.58	929.57	930.57	931.56	932.56	933.55	934.55	935.54	936.54	937.53
94.0	938.53	939.52	940.52	941.51	942.50	943.50	944.49	945.49	946.48	947.48
95.0	948.47	949.47	950.46	951.46	952.45	953.45	954.44	955.44	956.43	957.43
96.0	958.42	959.42	960.41	961.41	962.40	963.40	964.39	965.39	966.38	967.38
97.0	968.37	969.37	970.36	971.36	972.35	973.35	974.34	975.34	976.33	977.32
98.0	978.32	979.31	980.31	981.30	982.30	983.29	984.29	985.28	986.28	987.27
99.0	988.27	989.26	990.26	991.25	992.25	993.24	994.24	995.23	996.23	997.22

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 3000 PPM CAL. DATE: 01/20/75

INSTRUMENT: FID-108A TRAIN: 7-M PIC: MALLOW

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.384062730-01
A(1) = 0.29956568D+02

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-C.0		
9.1	279.0	9.1	272.6	-6.4	-2.306
33.8	1005.0	33.8	1012.5	7.5	0.746
67.5	2018.0	67.5	2022.0	4.0	0.200
92.4	2773.0	92.4	2767.9	-5.1	-0.182

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 3000 PPM CAL. DATE: 01/20/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-0.04	2.96	5.95	8.95	11.94	14.94	17.94	20.93	23.93	26.92
1.0	29.92	32.91	35.91	38.91	41.90	44.90	47.89	50.89	53.88	56.88
2.0	59.87	62.87	65.87	68.86	71.86	74.85	77.85	80.84	83.84	86.84
3.0	89.83	92.83	95.82	98.82	101.81	104.81	107.81	110.80	113.80	116.79
4.0	119.79	122.78	125.78	128.77	131.77	134.77	137.76	140.76	143.75	146.75
5.0	149.74	152.74	155.74	158.73	161.73	164.72	167.72	170.71	173.71	176.71
6.0	179.70	182.70	185.69	188.69	191.68	194.68	197.67	200.67	203.67	206.66
7.0	209.66	212.65	215.65	218.64	221.64	224.64	227.63	230.63	233.62	236.62
8.0	239.61	242.61	245.61	248.60	251.60	254.59	257.59	260.58	263.58	266.57
9.0	269.57	272.57	275.56	278.56	281.55	284.55	287.54	290.54	293.54	296.53
10.0	299.53	302.52	305.52	308.51	311.51	314.51	317.50	320.50	323.49	326.49
11.0	329.48	332.48	335.48	338.47	341.47	344.46	347.46	350.45	353.45	356.44
12.0	359.44	362.44	365.43	368.43	371.42	374.42	377.41	380.41	383.41	386.40
13.0	389.40	392.39	395.39	398.38	401.38	404.38	407.37	410.37	413.36	416.36
14.0	419.35	422.35	425.34	428.34	431.34	434.33	437.33	440.32	443.32	446.31
15.0	449.31	452.31	455.30	458.30	461.29	464.29	467.28	470.28	473.28	476.27
16.0	479.27	482.26	485.26	488.25	491.25	494.24	497.24	500.24	503.23	506.23
17.0	509.22	512.22	515.21	518.21	521.21	524.20	527.20	530.19	533.19	536.18
18.0	539.18	542.18	545.17	548.17	551.16	554.16	557.15	560.15	563.15	566.14
19.0	569.14	572.13	575.13	578.12	581.12	584.11	587.11	590.11	593.10	596.10
20.0	599.09	602.09	605.08	608.08	611.08	614.07	617.07	620.06	623.06	626.05
21.0	629.05	632.05	635.04	638.04	641.03	644.03	647.02	650.02	653.01	656.01
22.0	659.01	662.00	665.00	667.99	670.99	673.98	676.98	679.98	682.97	685.97
23.0	688.96	691.96	694.95	697.95	700.95	703.94	706.94	709.93	712.93	715.92
24.0	718.92	721.92	724.91	727.91	730.90	733.90	736.89	739.89	742.88	745.88
25.0	748.88	751.87	754.87	757.86	760.86	763.85	766.85	769.85	772.84	775.84
26.0	778.83	781.83	784.82	787.82	790.81	793.81	796.81	799.80	802.80	805.79
27.0	808.79	811.78	814.78	817.78	820.77	823.77	826.76	829.76	832.75	835.75
28.0	838.75	841.74	844.74	847.73	850.73	853.72	856.72	859.72	862.71	865.71
29.0	868.70	871.70	874.69	877.69	880.68	883.68	886.68	889.67	892.67	895.66
30.0	898.66	901.65	904.65	907.65	910.64	913.64	916.63	919.63	922.62	925.62
31.0	928.62	931.61	934.61	937.60	940.60	943.59	946.59	949.58	952.58	955.58
32.0	958.57	961.57	964.56	967.56	970.55	973.55	976.55	979.54	982.54	985.53
33.0	988.53	991.52	994.52	997.52	1000.51	1003.51	1006.50	1009.50	1012.49	1015.49
34.0	1018.49	1021.48	1024.48	1027.47	1030.47	1033.46	1036.46	1039.45	1042.45	1045.45

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 3000 PPM CAL. DATE: 01/20/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	1048.44	1051.44	1054.43	1057.43	1060.42	1063.42	1066.42	1069.41	1072.41	1075.40
36.0	1078.40	1081.39	1084.39	1087.39	1090.38	1093.38	1096.37	1099.37	1102.36	1105.36
37.0	1108.35	1111.35	1114.35	1117.34	1120.34	1123.33	1126.33	1129.32	1132.32	1135.32
38.0	1138.31	1141.31	1144.30	1147.30	1150.29	1153.29	1156.29	1159.28	1162.28	1165.27
39.0	1168.27	1171.26	1174.26	1177.25	1180.25	1183.25	1186.24	1189.24	1192.23	1195.23
40.0	1198.22	1201.22	1204.22	1207.21	1210.21	1213.20	1216.20	1219.19	1222.19	1225.19
41.0	1228.18	1231.18	1234.17	1237.17	1240.16	1243.16	1246.16	1249.15	1252.15	1255.14
42.0	1258.14	1261.13	1264.13	1267.12	1270.12	1273.12	1276.11	1279.11	1282.10	1285.10
43.0	1288.09	1291.09	1294.09	1297.08	1300.08	1303.07	1306.07	1309.06	1312.06	1315.06
44.0	1318.05	1321.05	1324.04	1327.04	1330.03	1333.03	1336.02	1339.02	1342.02	1345.01
45.0	1348.01	1351.00	1354.00	1356.99	1359.99	1362.99	1365.98	1368.98	1371.97	1374.97
46.0	1377.96	1380.96	1383.96	1386.95	1389.95	1392.94	1395.94	1398.93	1401.93	1404.92
47.0	1407.92	1410.92	1413.91	1416.91	1419.90	1422.90	1425.89	1428.89	1431.89	1434.88
48.0	1437.88	1440.87	1443.87	1446.86	1449.86	1452.86	1455.85	1458.85	1461.84	1464.84
49.0	1467.83	1470.83	1473.82	1476.82	1479.82	1482.81	1485.81	1488.80	1491.80	1494.79
50.0	1497.79	1500.79	1503.78	1506.78	1509.77	1512.77	1515.76	1518.76	1521.76	1524.75
51.0	1527.75	1530.74	1533.74	1536.73	1539.73	1542.73	1545.72	1548.72	1551.71	1554.71
52.0	1557.70	1560.70	1563.69	1566.69	1569.69	1572.68	1575.68	1578.67	1581.67	1584.66
53.0	1587.66	1590.66	1593.65	1596.65	1599.64	1602.64	1605.63	1608.63	1611.63	1614.62
54.0	1617.62	1620.61	1623.61	1626.60	1629.60	1632.59	1635.59	1638.59	1641.58	1644.58
55.0	1647.57	1650.57	1653.56	1656.56	1659.56	1662.55	1665.55	1668.54	1671.54	1674.53
56.0	1677.53	1680.53	1683.52	1686.52	1689.51	1692.51	1695.50	1698.50	1701.49	1704.49
57.0	1707.49	1710.48	1713.48	1716.47	1719.47	1722.46	1725.46	1728.46	1731.45	1734.45
58.0	1737.44	1740.44	1743.43	1746.43	1749.43	1752.42	1755.42	1758.41	1761.41	1764.40
59.0	1767.40	1770.40	1773.39	1776.39	1779.38	1782.38	1785.37	1788.37	1791.36	1794.36
60.0	1797.36	1800.35	1803.35	1806.34	1809.34	1812.33	1815.33	1818.33	1821.32	1824.32
61.0	1827.31	1830.31	1833.30	1836.30	1839.30	1842.29	1845.29	1848.28	1851.28	1854.27
62.0	1857.27	1860.26	1863.26	1866.26	1869.25	1872.25	1875.24	1878.24	1881.23	1884.23
63.0	1887.23	1890.22	1893.22	1896.21	1899.21	1902.20	1905.20	1908.20	1911.19	1914.19
64.0	1917.18	1920.18	1923.17	1926.17	1929.17	1932.16	1935.16	1938.15	1941.15	1944.14
65.0	1947.14	1950.13	1953.13	1956.13	1959.12	1962.12	1965.11	1968.11	1971.10	1974.10
66.0	1977.10	1980.09	1983.09	1986.08	1989.08	1992.07	1995.07	1998.06	2001.06	2004.06
67.0	2007.05	2010.05	2013.04	2016.04	2019.03	2022.03	2025.03	2028.02	2031.02	2034.01
68.0	2037.01	2040.00	2043.00	2046.00	2048.99	2051.99	2054.98	2057.98	2060.97	2063.97
69.0	2066.97	2069.96	2072.96	2075.95	2078.95	2081.94	2084.94	2087.93	2090.93	2093.93

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: HC RANGE: 0 - 3000 PPM CAL. DATE: 01/20/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	2096.92	2099.92	2102.91	2105.91	2108.90	2111.90	2114.90	2117.89	2120.89	2123.88
71.0	2126.88	2129.87	2132.87	2135.87	2138.86	2141.86	2144.85	2147.85	2150.84	2153.84
72.0	2156.83	2159.83	2162.83	2165.82	2168.82	2171.81	2174.81	2177.80	2180.80	2183.80
73.0	2186.79	2189.79	2192.78	2195.78	2198.77	2201.77	2204.77	2207.76	2210.76	2213.75
74.0	2216.75	2219.74	2222.74	2225.74	2228.73	2231.73	2234.72	2237.72	2240.71	2243.71
75.0	2246.70	2249.70	2252.70	2255.69	2258.69	2261.68	2264.68	2267.67	2270.67	2273.67
76.0	2276.66	2279.66	2282.65	2285.65	2288.64	2291.64	2294.64	2297.63	2300.63	2303.62
77.0	2306.62	2309.61	2312.61	2315.60	2318.60	2321.60	2324.59	2327.59	2330.58	2333.58
78.0	2336.57	2339.57	2342.57	2345.56	2348.56	2351.55	2354.55	2357.54	2360.54	2363.54
79.0	2366.53	2369.53	2372.52	2375.52	2378.51	2381.51	2384.50	2387.50	2390.50	2393.49
80.0	2396.49	2399.48	2402.48	2405.47	2408.47	2411.47	2414.46	2417.46	2420.45	2423.45
81.0	2426.44	2429.44	2432.44	2435.43	2438.43	2441.42	2444.42	2447.41	2450.41	2453.41
82.0	2456.40	2459.40	2462.39	2465.39	2468.38	2471.38	2474.37	2477.37	2480.37	2483.36
83.0	2486.36	2489.35	2492.35	2495.34	2498.34	2501.34	2504.33	2507.33	2510.32	2513.32
84.0	2516.31	2519.31	2522.31	2525.30	2528.30	2531.29	2534.29	2537.28	2540.28	2543.27
85.0	2546.27	2549.27	2552.26	2555.26	2558.25	2561.25	2564.24	2567.24	2570.24	2573.23
86.0	2576.23	2579.22	2582.22	2585.21	2588.21	2591.21	2594.20	2597.20	2600.19	2603.19
87.0	2606.18	2609.18	2612.17	2615.17	2618.17	2621.16	2624.16	2627.15	2630.15	2633.14
88.0	2636.14	2639.14	2642.13	2645.13	2648.12	2651.12	2654.11	2657.11	2660.11	2663.10
89.0	2666.10	2669.09	2672.09	2675.08	2678.08	2681.07	2684.07	2687.07	2690.06	2693.06
90.0	2696.05	2699.05	2702.04	2705.04	2708.04	2711.03	2714.03	2717.02	2720.02	2723.01
91.0	2726.01	2729.01	2732.00	2735.00	2737.99	2740.99	2743.98	2746.98	2749.98	2752.97
92.0	2755.97	2758.96	2761.96	2764.95	2767.95	2770.94	2773.94	2776.94	2779.93	2782.93
93.0	2785.92	2788.92	2791.91	2794.91	2797.91	2800.90	2803.90	2806.89	2809.89	2812.88
94.0	2815.88	2818.88	2821.87	2824.87	2827.86	2830.86	2833.85	2836.85	2839.84	2842.84
95.0	2845.84	2848.83	2851.83	2854.82	2857.82	2860.81	2863.81	2866.81	2869.80	2872.80
96.0	2875.79	2878.79	2881.78	2884.78	2887.78	2890.77	2893.77	2896.76	2899.76	2902.75
97.0	2905.75	2908.74	2911.74	2914.74	2917.73	2920.73	2923.72	2926.72	2929.71	2932.71
98.0	2935.71	2938.70	2941.70	2944.69	2947.69	2950.68	2953.68	2956.68	2959.67	2962.67
99.0	2965.66	2968.66	2971.65	2974.65	2977.65	2980.64	2983.64	2986.63	2989.63	2992.62

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - "10%" CAL. DATE: 01/20/75 PAGE 1 OF 4

INSTRUMENT: AIA-2 TRAIN: 7-M PIC: MALLOW

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.248888090+02
A(1) = 0.643991580+03
A(2) = -0.115465960+02
A(3) = 0.199147410+00

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-24.9		
23.3	11000.0	23.3	11230.7	230.7	2.097
34.0	16700.0	34.0	16350.2	-349.8	-2.094
52.2	30200.0	52.2	30454.9	254.9	0.844
61.2	41900.0	61.2	41789.1	-110.9	-0.265

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - "10%" CAL. DATE: 01/20/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-24.89	39.40	103.45	167.27	230.87	294.25	357.39	420.32	483.02	545.50
1.0	607.76	669.80	731.62	793.22	854.61	915.79	976.75	1037.51	1098.05	1158.38
2.0	1218.50	1278.42	1338.13	1397.63	1456.94	1516.04	1574.93	1633.63	1692.13	1750.44
3.0	1808.54	1866.46	1924.17	1981.70	2039.03	2096.17	2153.13	2209.90	2266.47	2322.87
4.0	2379.08	2435.10	2490.95	2546.61	2602.10	2657.40	2712.53	2767.48	2822.26	2876.87
5.0	2931.30	2985.56	3039.65	3093.57	3147.33	3200.91	3254.34	3307.60	3360.69	3413.63
6.0	3466.40	3519.01	3571.47	3623.77	3675.91	3727.90	3779.74	3831.43	3882.96	3934.34
7.0	3985.58	4036.67	4087.61	4138.40	4189.05	4239.57	4289.94	4340.16	4390.25	4440.21
8.0	4490.02	4539.70	4589.25	4638.66	4687.95	4737.10	4786.12	4835.02	4883.78	4932.42
9.0	4980.94	5029.33	5077.60	5125.75	5173.78	5221.70	5269.49	5317.16	5364.73	5412.18
10.0	5459.52	5506.74	5553.85	5600.86	5647.76	5694.55	5741.23	5787.82	5834.29	5880.67
11.0	5926.95	5973.12	6019.20	6065.18	6111.07	6156.86	6202.55	6248.16	6293.67	6339.09
12.0	6384.43	6429.67	6474.83	6519.91	6564.90	6609.81	6654.64	6699.38	6744.05	6788.64
13.0	6833.15	6877.59	6921.95	6966.24	7010.46	7054.61	7098.68	7142.69	7186.63	7230.51
14.0	7274.32	7318.07	7361.75	7405.37	7448.94	7492.44	7535.89	7579.28	7622.61	7665.89
15.0	7709.12	7752.30	7795.43	7838.50	7881.53	7924.51	7967.45	8010.34	8053.18	8095.99
16.0	8138.75	8181.48	8224.17	8266.82	8309.43	8352.01	8394.55	8437.06	8479.54	8521.99
17.0	8564.41	8606.80	8649.17	8691.51	8733.83	8776.12	8818.39	8860.65	8902.88	8945.09
18.0	8987.29	9029.47	9071.64	9113.79	9155.93	9198.06	9240.18	9282.29	9324.39	9366.49
19.0	9408.58	9450.67	9492.75	9534.84	9576.92	9619.01	9661.09	9703.18	9745.28	9787.38
20.0	9829.48	9871.60	9913.72	9955.86	9998.00	10040.16	10082.34	10124.52	10166.73	10208.95
21.0	10251.19	10293.45	10335.73	10378.04	10420.37	10462.72	10505.10	10547.50	10589.94	10632.40
22.0	10674.89	10717.42	10759.98	10802.57	10845.21	10887.87	10930.57	10973.32	11016.10	11058.93
23.0	11101.80	11144.71	11187.66	11230.67	11273.72	11316.82	11359.96	11403.16	11446.42	11489.72
24.0	11533.09	11576.50	11619.97	11663.50	11707.10	11750.75	11794.46	11838.24	11882.08	11925.98
25.0	11969.96	12014.00	12058.11	12102.29	12146.54	12190.86	12235.26	12279.73	12324.28	12368.91
26.0	12413.61	12458.39	12503.26	12548.21	12593.23	12638.35	12683.55	12728.84	12774.21	12819.68
27.0	12865.23	12910.88	12956.62	13002.46	13048.39	13094.41	13140.54	13186.76	13233.09	13279.50
28.0	13326.03	13372.66	13419.39	13466.23	13513.18	13560.24	13607.40	13654.68	13702.07	13749.57
29.0	13797.19	13844.92	13892.77	13940.73	13988.82	14037.03	14085.36	14133.80	14182.38	14231.08
30.0	14279.90	14328.86	14377.94	14427.15	14476.50	14525.97	14575.58	14625.32	14675.20	14725.22
31.0	14775.37	14825.67	14876.10	14926.68	14977.40	15028.27	15079.27	15130.43	15181.73	15233.19
32.0	15284.79	15336.55	15388.45	15440.52	15492.73	15545.11	15597.64	15650.32	15703.17	15756.18
33.0	15809.35	15862.69	15916.19	15969.85	16023.68	16077.69	16131.86	16186.20	16240.71	16295.39
34.0	16350.25	16405.29	16460.50	16515.89	16571.45	16627.20	16683.13	16739.24	16795.54	16852.02

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - "10%" CAL. DATE: 01/20/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	16908.68	16965.54	17022.58	17079.81	17137.23	17194.85	17252.66	17310.66	17368.86	17427.25
36.0	17485.84	17544.64	17603.63	17662.82	17722.22	17781.82	17841.62	17901.64	17961.86	18022.29
37.0	18082.93	18143.78	18204.84	18266.12	18327.61	18389.31	18451.24	18513.38	18575.74	18638.32
38.0	18701.13	18764.16	18827.41	18890.88	18954.59	19018.52	19082.68	19147.07	19211.70	19276.55
39.0	19341.64	19406.96	19472.52	19538.32	19604.36	19670.64	19737.16	19803.91	19870.92	19938.16
40.0	20005.66	20073.40	20141.39	20209.63	20278.12	20346.86	20415.85	20485.10	20554.61	20624.36
41.0	20694.38	20764.66	20835.20	20905.99	20977.05	21048.38	21119.97	21191.82	21263.95	21336.34
42.0	21409.00	21481.93	21555.14	21628.62	21702.37	21776.39	21850.70	21925.28	22000.14	22075.29
43.0	22150.71	22226.42	22302.41	22378.69	22455.25	22532.10	22609.24	22686.67	22764.39	22842.40
44.0	22920.71	22999.31	23078.21	23157.40	23236.90	23316.69	23396.79	23477.18	23557.88	23638.88
45.0	23720.19	23801.80	23883.73	23965.96	24048.50	24131.36	24214.53	24298.01	24381.80	24465.92
46.0	24550.35	24635.09	24720.16	24805.55	24891.27	24977.30	25063.66	25150.35	25237.36	25324.70
47.0	25412.37	25500.37	25588.71	25677.37	25766.38	25855.71	25945.39	26035.40	26125.75	26216.44
48.0	26307.47	26398.84	26490.56	26582.62	26675.03	26767.79	26860.89	26954.35	27048.16	27142.31
49.0	27236.82	27331.69	27426.91	27522.49	27618.43	27714.72	27811.38	27908.40	28005.78	28103.53
50.0	28201.64	28300.11	28398.96	28498.17	28597.76	28697.71	28798.04	28898.74	28999.82	29101.27
51.0	29203.10	29305.31	29407.89	29510.86	29614.21	29717.95	29822.07	29926.57	30031.46	30136.74
52.0	30242.41	30348.46	30454.92	30561.76	30669.00	30776.63	30884.66	30993.08	31101.91	31211.13
53.0	31320.76	31430.79	31541.22	31652.05	31763.30	31874.95	31987.00	32099.47	32212.35	32325.64
54.0	32439.34	32553.46	32667.99	32782.95	32898.31	33014.10	33130.30	33246.93	33363.98	33481.46
55.0	33599.36	33717.68	33836.44	33955.62	34075.23	34195.28	34315.75	34436.66	34558.00	34679.79
56.0	34802.00	34924.66	35047.75	35171.29	35295.26	35419.68	35544.54	35669.85	35795.61	35921.81
57.0	36048.46	36175.57	36303.12	36431.12	36559.59	36688.50	36817.87	36947.70	37077.98	37208.73
58.0	37339.94	37471.61	37603.74	37736.34	37869.40	38002.93	38136.93	38271.40	38406.34	38541.75
59.0	38677.63	38813.98	38950.82	39088.12	39225.91	39364.17	39502.92	39642.14	39781.85	39922.04
60.0	40062.72	40203.88	40345.53	40487.67	40630.30	40773.41	40917.03	41061.13	41205.73	41350.82
61.0	41496.41	41642.50	41789.09	41936.18	42083.77	42231.86	42380.45	42529.55	42679.16	42829.27
62.0	42979.90	43131.03	43282.68	43434.83	43587.50	43740.69	43894.39	44048.61	44203.34	44358.60
63.0	44514.37	44670.67	44827.50	44984.84	45142.71	45301.11	45460.04	45619.49	45779.47	45939.99
64.0	46101.04	46262.62	46424.73	46587.39	46750.58	46914.31	47078.58	47243.39	47408.74	47574.64
65.0	47741.08	47908.06	48075.60	48243.68	48412.31	48581.49	48751.22	48921.51	49092.35	49263.74
66.0	49435.69	49608.20	49781.27	49954.90	50129.09	50303.84	50479.15	50655.04	50831.48	51008.50
67.0	51186.08	51364.23	51542.95	51722.25	51902.11	52082.55	52263.57	52445.17	52627.34	52810.09
68.0	52993.43	53177.34	53361.84	53546.92	53732.58	53918.84	54105.68	54293.10	54481.12	54669.73
69.0	54858.93	55048.73	55239.12	55430.11	55621.69	55813.87	56006.65	56200.03	56394.02	56588.60

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - "10%" CAL. DATE: 01/20/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	56783.79	56979.59	57175.99	57373.00	57570.62	57768.86	57967.70	58167.15	58367.22	58567.90
71.0	58769.20	58971.12	59173.66	59376.81	59580.59	59784.99	59990.01	60195.66	60401.93	60608.83
72.0	60816.36	61024.52	61233.30	61442.72	61652.77	61863.46	62074.79	62286.74	62499.34	62712.57
73.0	62926.45	63140.96	63356.12	63571.93	63788.38	64005.47	64223.21	64441.60	64660.64	64880.33
74.0	65100.68	65321.67	65543.31	65765.62	65988.56	66212.19	66436.44	66661.37	66887.00	67113.25
75.0	67340.19	67567.81	67796.06	68025.00	68254.56	68484.87	68715.81	68947.37	69179.69	69412.62
76.0	69646.25	69880.56	70115.56	70351.25	70587.62	70824.62	71062.37	71300.75	71539.81	71779.62
77.0	72020.06	72261.25	72503.06	72745.62	72988.81	73232.75	73477.37	73722.69	73968.69	74215.37
78.0	74462.75	74710.87	74959.69	75209.19	75459.44	75710.37	75962.00	76214.31	76467.37	76721.12
79.0	76975.62	77230.75	77486.69	77743.31	78000.62	78258.69	78517.44	78776.94	79037.12	79298.06
80.0	79559.69	79822.12	80085.19	80349.06	80613.62	80878.87	81144.94	81411.69	81679.12	81947.37
81.0	82216.31	82486.00	82756.44	83027.62	83299.56	83572.19	83845.62	84119.75	84394.62	84670.25
82.0	84946.62	85223.75	85501.62	85780.31	86059.69	86339.81	86620.69	86902.37	87184.75	87467.94
83.0	87751.81	88036.50	88321.94	88608.19	88895.12	89182.87	89471.37	89760.69	90050.69	90341.50
84.0	90633.12	90925.50	91218.62	91512.50	91807.19	92102.69	92398.87	92695.94	92993.75	93292.31
85.0	93591.69	93891.81	94192.75	94494.50	94797.00	95100.31	95404.37	95709.25	96014.94	96321.44
86.0	96628.69	96936.75	97245.62	97555.31	97865.75	98177.00	98489.06	98801.94	99115.62	99430.12
87.0	99745.37	100061.50	100378.37	100696.12	101014.62	101334.00	101654.12	101975.12	102296.94	102619.50
88.0	102942.94	103267.19	103592.25	103918.19	104244.87	104572.44	104900.81	105230.00	105560.00	105890.87
89.0	106222.56	106555.06	106888.44	107222.62	107557.62	107893.50	108230.19	108567.75	108906.12	109245.37
90.0	109585.44	109926.31	110268.12	110610.69	110954.12	111298.44	111643.62	111989.62	112336.44	112684.19
91.0	113032.75	113382.19	113732.44	114083.56	114435.56	114788.44	115142.19	115496.75	115852.19	116208.50
92.0	116565.69	116923.75	117282.69	117642.44	118003.12	118364.69	118727.06	119090.37	119454.50	119819.56
93.0	120185.50	120552.31	120919.94	121288.50	121658.00	122028.31	122399.56	122771.62	123144.62	123518.50
94.0	123893.31	124269.00	124645.56	125023.00	125401.37	125780.62	126160.75	126541.81	126923.75	127306.62
95.0	127690.37	128075.00	128460.56	128847.06	129234.44	129622.69	130011.87	130402.00	130793.00	131184.94
96.0	131577.81	131971.56	132366.25	132761.87	133158.37	133555.81	133954.19	134353.50	134753.69	135154.81
97.0	135556.87	135959.87	136363.81	136768.69	137174.44	137581.19	137988.81	138397.44	138806.94	139217.37
98.0	139628.81	140041.12	140454.44	140868.62	141283.81	141699.94	142117.00	142535.00	142953.94	143373.81
99.0	143794.69	144216.50	144639.25	145063.00	145487.62	145913.25	146339.87	146767.37	147195.87	147625.37

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 2500 PPM CAL. DATE: 01/21/75 PAGE 1 OF 4

INSTRUMENT: TECO-CL TRAIN: 7-M PIC: MALLOW

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.28585170D+00
A(1) = 0.27491510D+02
A(2) = -0.317496700-01

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-0.3		
8.9	234.0	8.9	241.9	7.9	3.365
23.2	618.0	23.2	620.4	2.4	0.393
32.2	854.0	32.2	852.0	-2.0	-0.232
36.5	981.0	36.5	960.9	-20.1	-2.053
75.8	1878.0	75.8	1901.1	23.1	1.233
98.0	2400.0	98.0	2389.0	-11.0	-0.460

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 2500 PPM CAL. DATE: 01/21/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-0.29	2.46	5.21	7.96	10.71	13.45	16.20	18.94	21.69	24.43
1.0	27.17	29.92	32.66	35.40	38.14	40.88	43.62	46.36	49.10	51.83
2.0	54.57	57.31	60.04	62.78	65.51	68.24	70.98	73.71	76.44	79.17
3.0	81.90	84.63	87.36	90.09	92.82	95.55	98.27	101.00	103.72	106.45
4.0	109.17	111.90	114.62	117.34	120.06	122.78	125.50	128.22	130.94	133.66
5.0	136.38	139.10	141.81	144.53	147.24	149.96	152.67	155.38	158.10	160.81
6.0	163.52	166.23	168.94	171.65	174.36	177.07	179.78	182.48	185.19	187.89
7.0	190.60	193.30	196.01	198.71	201.41	204.11	206.82	209.52	212.22	214.92
8.0	217.61	220.31	223.01	225.71	228.40	231.10	233.79	236.49	239.18	241.87
9.0	244.57	247.26	249.95	252.64	255.33	258.02	260.71	263.39	266.08	268.77
10.0	271.45	274.14	276.82	279.51	282.19	284.87	287.56	290.24	292.92	295.60
11.0	298.28	300.96	303.64	306.31	308.99	311.67	314.34	317.02	319.69	322.37
12.0	325.04	327.71	330.39	333.06	335.73	338.40	341.07	343.74	346.40	349.07
13.0	351.74	354.40	357.07	359.74	362.40	365.06	367.73	370.39	373.05	375.71
14.0	378.37	381.03	383.69	386.35	389.01	391.67	394.32	396.98	399.63	402.29
15.0	404.94	407.60	410.25	412.90	415.55	418.20	420.85	423.50	426.15	428.80
16.0	431.45	434.10	436.74	439.39	442.04	444.68	447.32	449.97	452.61	455.25
17.0	457.89	460.53	463.18	465.81	468.45	471.09	473.73	476.37	479.00	481.64
18.0	484.27	486.91	489.54	492.18	494.81	497.44	500.07	502.70	505.33	507.96
19.0	510.59	513.22	515.85	518.47	521.10	523.73	526.35	528.98	531.60	534.22
20.0	536.84	539.47	542.09	544.71	547.33	549.95	552.57	555.18	557.80	560.42
21.0	563.03	565.65	568.26	570.88	573.49	576.11	578.72	581.33	583.94	586.55
22.0	589.16	591.77	594.38	596.99	599.59	602.20	604.81	607.41	610.02	612.62
23.0	615.22	617.83	620.43	623.03	625.63	628.23	630.83	633.43	636.03	638.63
24.0	641.22	643.82	646.41	649.01	651.60	654.20	656.79	659.38	661.98	664.57
25.0	667.16	669.75	672.34	674.93	677.51	680.10	682.69	685.28	687.86	690.45
26.0	693.03	695.61	698.20	700.78	703.36	705.94	708.52	711.10	713.68	716.26
27.0	718.84	721.42	723.99	726.57	729.15	731.72	734.29	736.87	739.44	742.01
28.0	744.58	747.16	749.73	752.30	754.86	757.43	760.00	762.57	765.14	767.70
29.0	770.27	772.83	775.40	777.96	780.52	783.08	785.65	788.21	790.77	793.33
30.0	795.88	798.44	801.00	803.56	806.11	808.67	811.23	813.78	816.33	818.89
31.0	821.44	823.99	826.54	829.09	831.64	834.19	836.74	839.29	841.84	844.38
32.0	846.93	849.48	852.02	854.57	857.11	859.65	862.20	864.74	867.28	869.82
33.0	872.36	874.90	877.44	879.97	882.51	885.05	887.58	890.12	892.66	895.19
34.0	897.72	900.26	902.79	905.32	907.85	910.38	912.91	915.44	917.97	920.50

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 2500 PPM CAL. DATE: 01/21/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	923.02	925.55	928.08	930.60	933.13	935.65	938.17	940.70	943.22	945.74
36.0	948.26	950.78	953.30	955.82	958.34	960.86	963.37	965.89	968.41	970.92
37.0	973.43	975.95	978.46	980.97	983.49	986.00	988.51	991.02	993.53	996.04
38.0	998.55	1001.05	1003.56	1006.07	1008.57	1011.08	1013.58	1016.08	1018.59	1021.09
39.0	1023.59	1026.09	1028.59	1031.09	1033.59	1036.09	1038.59	1041.09	1043.58	1046.08
40.0	1048.58	1051.07	1053.56	1056.06	1058.55	1061.04	1063.53	1066.03	1068.52	1071.01
41.0	1073.49	1075.98	1078.47	1080.96	1083.45	1085.93	1088.42	1090.90	1093.39	1095.87
42.0	1098.35	1100.83	1103.31	1105.80	1108.28	1110.76	1113.23	1115.71	1118.19	1120.67
43.0	1123.14	1125.62	1128.09	1130.57	1133.04	1135.52	1137.99	1140.46	1142.93	1145.40
44.0	1147.87	1150.34	1152.81	1155.28	1157.75	1160.21	1162.68	1165.15	1167.61	1170.08
45.0	1172.54	1175.00	1177.46	1179.93	1182.39	1184.85	1187.31	1189.77	1192.23	1194.68
46.0	1197.14	1199.60	1202.05	1204.51	1206.96	1209.42	1211.87	1214.33	1216.78	1219.23
47.0	1221.68	1224.13	1226.58	1229.03	1231.48	1233.93	1236.37	1238.82	1241.27	1243.71
48.0	1246.16	1248.60	1251.04	1253.49	1255.93	1258.37	1260.81	1263.25	1265.69	1268.13
49.0	1270.57	1273.01	1275.44	1277.88	1280.31	1282.75	1285.18	1287.62	1290.05	1292.48
50.0	1294.92	1297.35	1299.78	1302.21	1304.64	1307.07	1309.49	1311.92	1314.35	1316.77
51.0	1319.20	1321.63	1324.05	1326.47	1328.90	1331.32	1333.74	1336.16	1338.58	1341.00
52.0	1343.42	1345.84	1348.26	1350.68	1353.09	1355.51	1357.92	1360.34	1362.75	1365.17
53.0	1367.58	1369.99	1372.40	1374.81	1377.22	1379.63	1382.04	1384.45	1386.86	1389.27
54.0	1391.67	1394.08	1396.49	1398.89	1401.29	1403.70	1406.10	1408.50	1410.90	1413.30
55.0	1415.70	1418.10	1420.50	1422.90	1425.30	1427.70	1430.09	1432.49	1434.88	1437.28
56.0	1439.67	1442.07	1444.46	1446.85	1449.24	1451.63	1454.02	1456.41	1458.80	1461.19
57.0	1463.58	1465.96	1468.35	1470.73	1473.12	1475.50	1477.89	1480.27	1482.65	1485.03
58.0	1487.42	1489.80	1492.18	1494.56	1496.93	1499.31	1501.69	1504.07	1506.44	1508.82
59.0	1511.19	1513.57	1515.94	1518.31	1520.69	1523.06	1525.43	1527.80	1530.17	1532.54
60.0	1534.91	1537.27	1539.64	1542.01	1544.37	1546.74	1549.10	1551.47	1553.83	1556.19
61.0	1558.56	1560.92	1563.28	1565.64	1568.00	1570.36	1572.72	1575.07	1577.43	1579.79
62.0	1582.14	1584.50	1586.85	1589.21	1591.56	1593.91	1596.26	1598.61	1600.97	1603.32
63.0	1605.67	1608.01	1610.36	1612.71	1615.06	1617.40	1619.75	1622.09	1624.44	1626.78
64.0	1629.12	1631.47	1633.81	1636.15	1638.49	1640.83	1643.17	1645.51	1647.85	1650.18
65.0	1652.52	1654.86	1657.19	1659.53	1661.86	1664.19	1666.53	1668.86	1671.19	1673.52
66.0	1675.85	1678.18	1680.51	1682.84	1685.17	1687.49	1689.82	1692.15	1694.47	1696.80
67.0	1699.12	1701.44	1703.77	1706.09	1708.41	1710.73	1713.05	1715.37	1717.68	1720.01
68.0	1722.33	1724.64	1726.96	1729.28	1731.59	1733.91	1736.22	1738.53	1740.85	1743.16
69.0	1745.47	1747.78	1750.09	1752.40	1754.71	1757.02	1759.32	1761.63	1763.94	1766.24

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 2500 PPM CAL. DATE: 01/21/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	1768.55	1770.85	1773.15	1775.46	1777.76	1780.06	1782.36	1784.66	1786.96	1789.26
71.0	1791.56	1793.86	1796.16	1798.45	1800.75	1803.05	1805.34	1807.63	1809.93	1812.22
72.0	1814.51	1816.80	1819.10	1821.39	1823.68	1825.96	1828.25	1830.54	1832.83	1835.11
73.0	1837.40	1839.69	1841.97	1844.25	1846.54	1848.82	1851.10	1853.38	1855.67	1857.95
74.0	1860.22	1862.50	1864.78	1867.06	1869.34	1871.61	1873.89	1876.16	1878.44	1880.71
75.0	1882.99	1885.26	1887.53	1889.80	1892.07	1894.34	1896.61	1898.88	1901.15	1903.42
76.0	1905.68	1907.95	1910.21	1912.48	1914.74	1917.01	1919.27	1921.53	1923.80	1926.06
77.0	1928.32	1930.58	1932.84	1935.09	1937.35	1939.61	1941.87	1944.12	1946.38	1948.63
78.0	1950.89	1953.14	1955.39	1957.65	1959.90	1962.15	1964.40	1966.65	1968.90	1971.15
79.0	1973.39	1975.64	1977.89	1980.13	1982.38	1984.62	1986.87	1989.11	1991.35	1993.60
80.0	1995.84	1998.08	2000.32	2002.56	2004.80	2007.04	2009.27	2011.51	2013.75	2015.98
81.0	2018.22	2020.45	2022.69	2024.92	2027.15	2029.38	2031.61	2033.85	2036.08	2038.30
82.0	2040.53	2042.76	2044.99	2047.22	2049.44	2051.67	2053.89	2056.12	2058.34	2060.56
83.0	2062.79	2065.01	2067.23	2069.45	2071.67	2073.89	2076.11	2078.33	2080.54	2082.76
84.0	2084.98	2087.19	2089.41	2091.62	2093.83	2096.05	2098.26	2100.47	2102.68	2104.89
85.0	2107.10	2109.31	2111.52	2113.73	2115.93	2118.14	2120.35	2122.55	2124.76	2126.96
86.0	2129.16	2131.37	2133.57	2135.77	2137.97	2140.17	2142.37	2144.57	2146.77	2148.97
87.0	2151.16	2153.36	2155.55	2157.75	2159.94	2162.14	2164.33	2166.52	2168.72	2170.91
88.0	2173.10	2175.29	2177.48	2179.67	2181.85	2184.04	2186.23	2188.41	2190.60	2192.79
89.0	2194.97	2197.15	2199.34	2201.52	2203.70	2205.88	2208.06	2210.24	2212.42	2214.60
90.0	2216.78	2218.96	2221.13	2223.31	2225.48	2227.66	2229.83	2232.01	2234.18	2236.35
91.0	2238.52	2240.69	2242.86	2245.03	2247.20	2249.37	2251.54	2253.71	2255.87	2258.04
92.0	2260.20	2262.37	2264.53	2266.70	2268.86	2271.02	2273.18	2275.34	2277.50	2279.66
93.0	2281.82	2283.98	2286.14	2288.29	2290.45	2292.61	2294.76	2296.92	2299.07	2301.22
94.0	2303.38	2305.53	2307.68	2309.83	2311.98	2314.13	2316.28	2318.43	2320.57	2322.72
95.0	2324.87	2327.01	2329.16	2331.30	2333.45	2335.59	2337.73	2339.87	2342.01	2344.15
96.0	2346.29	2348.43	2350.57	2352.71	2354.85	2356.98	2359.12	2361.26	2363.39	2365.52
97.0	2367.66	2369.79	2371.92	2374.06	2376.19	2378.32	2380.45	2382.58	2384.70	2386.83
98.0	2388.96	2391.09	2393.21	2395.34	2397.46	2399.58	2401.71	2403.83	2405.95	2408.07
99.0	2410.20	2412.32	2414.44	2416.55	2418.67	2420.79	2422.91	2425.02	2427.14	2429.25

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 10000 PPM CAL. DATE: 01/27/75 PAGE 1 OF 4

INSTRUMENT: TECO-CL TRAIN: 7-M PIC: MALLOW

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = 0.10692522D+02
A(1) = 0.97902704D+02

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	10.7		
14.9	1510.0	14.9	1469.4	-40.6	-2.686
24.5	2400.0	24.5	2409.3	9.3	0.388
34.8	3325.0	34.8	3417.7	92.7	2.788
39.5	3950.0	39.5	3877.8	-72.2	-1.827

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 10000 PPM CAL. DATE: 01/27/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	10.69	20.48	30.27	40.06	49.85	59.64	69.43	79.22	89.01	98.80
1.0	108.60	118.39	128.18	137.97	147.76	157.55	167.34	177.13	186.92	196.71
2.0	206.50	216.29	226.08	235.87	245.66	255.45	265.24	275.03	284.82	294.61
3.0	304.40	314.19	323.98	333.77	343.56	353.35	363.14	372.93	382.72	392.51
4.0	402.30	412.09	421.88	431.67	441.46	451.25	461.04	470.84	480.63	490.42
5.0	500.21	510.00	519.79	529.58	539.37	549.16	558.95	568.74	578.53	588.32
6.0	598.11	607.90	617.69	627.48	637.27	647.06	656.85	666.64	676.43	686.22
7.0	696.01	705.80	715.59	725.38	735.17	744.96	754.75	764.54	774.33	784.12
8.0	793.91	803.70	813.49	823.28	833.08	842.87	852.66	862.45	872.24	882.03
9.0	891.82	901.61	911.40	921.19	930.98	940.77	950.56	960.35	970.14	979.93
10.0	989.72	999.51	1009.30	1019.09	1028.88	1038.67	1048.46	1058.25	1068.04	1077.83
11.0	1087.62	1097.41	1107.20	1116.99	1126.78	1136.57	1146.36	1156.15	1165.94	1175.73
12.0	1185.53	1195.32	1205.11	1214.90	1224.69	1234.48	1244.27	1254.06	1263.85	1273.64
13.0	1283.43	1293.22	1303.01	1312.80	1322.59	1332.38	1342.17	1351.96	1361.75	1371.54
14.0	1381.33	1391.12	1400.91	1410.70	1420.49	1430.28	1440.07	1449.86	1459.65	1469.44
15.0	1479.23	1489.02	1498.81	1508.60	1518.39	1528.18	1537.97	1547.77	1557.56	1567.35
16.0	1577.14	1586.93	1596.72	1606.51	1616.30	1626.09	1635.88	1645.67	1655.46	1665.25
17.0	1675.04	1684.83	1694.62	1704.41	1714.20	1723.99	1733.78	1743.57	1753.36	1763.15
18.0	1772.94	1782.73	1792.52	1802.31	1812.10	1821.89	1831.68	1841.47	1851.26	1861.05
19.0	1870.84	1880.63	1890.42	1900.22	1910.01	1919.80	1929.59	1939.38	1949.17	1958.96
20.0	1968.75	1978.54	1988.33	1998.12	2007.91	2017.70	2027.49	2037.28	2047.07	2056.86
21.0	2066.65	2076.44	2086.23	2096.02	2105.81	2115.60	2125.39	2135.18	2144.97	2154.76
22.0	2164.55	2174.34	2184.13	2193.92	2203.71	2213.50	2223.29	2233.08	2242.87	2252.66
23.0	2262.46	2272.25	2282.04	2291.83	2301.62	2311.41	2321.20	2330.99	2340.78	2350.57
24.0	2360.36	2370.15	2379.94	2389.73	2399.52	2409.31	2419.10	2428.89	2438.68	2448.47
25.0	2458.26	2468.05	2477.84	2487.63	2497.42	2507.21	2517.00	2526.79	2536.58	2546.37
26.0	2556.16	2565.95	2575.74	2585.53	2595.32	2605.11	2614.91	2624.70	2634.49	2644.28
27.0	2654.07	2663.86	2673.65	2683.44	2693.23	2703.02	2712.81	2722.60	2732.39	2742.19
28.0	2751.97	2761.76	2771.55	2781.34	2791.13	2800.92	2810.71	2820.50	2830.29	2840.08
29.0	2849.87	2859.66	2869.45	2879.24	2889.03	2898.82	2908.61	2918.40	2928.19	2937.98
30.0	2947.77	2957.56	2967.35	2977.15	2986.94	2996.73	3006.52	3016.31	3026.10	3035.89
31.0	3045.68	3055.47	3065.26	3075.05	3084.84	3094.63	3104.42	3114.21	3124.00	3133.79
32.0	3143.58	3153.37	3163.16	3172.95	3182.74	3192.53	3202.32	3212.11	3221.90	3231.69
33.0	3241.48	3251.27	3261.06	3270.85	3280.64	3290.43	3300.22	3310.01	3319.80	3329.59
34.0	3339.39	3349.18	3358.97	3368.76	3378.55	3388.34	3398.13	3407.92	3417.71	3427.50

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 10000 PPM CAL. DATE: 01/27/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	3437.29	3447.08	3456.87	3466.66	3476.45	3486.24	3496.03	3505.82	3515.61	3525.40
36.0	3535.19	3544.98	3554.77	3564.56	3574.35	3584.14	3593.93	3603.72	3613.51	3623.30
37.0	3633.09	3642.88	3652.67	3662.46	3672.25	3682.04	3691.83	3701.63	3711.42	3721.21
38.0	3731.00	3740.79	3750.58	3760.37	3770.16	3779.95	3789.74	3799.53	3809.32	3819.11
39.0	3828.90	3838.69	3848.48	3858.27	3868.06	3877.85	3887.64	3897.43	3907.22	3917.01
40.0	3926.80	3936.59	3946.38	3956.17	3965.96	3975.75	3985.54	3995.33	4005.12	4014.91
41.0	4024.70	4034.49	4044.28	4054.07	4063.87	4073.66	4083.45	4093.24	4103.02	4112.82
42.0	4122.61	4132.39	4142.19	4151.98	4161.77	4171.55	4181.35	4191.14	4200.93	4210.72
43.0	4220.51	4230.30	4240.09	4249.88	4259.67	4269.46	4279.25	4289.04	4298.83	4308.62
44.0	4318.41	4328.20	4337.99	4347.78	4357.57	4367.36	4377.15	4386.94	4396.73	4406.52
45.0	4416.31	4426.11	4435.89	4445.68	4455.47	4465.27	4475.05	4484.84	4494.64	4504.43
46.0	4514.21	4524.01	4533.80	4543.59	4553.38	4563.17	4572.96	4582.75	4592.54	4602.33
47.0	4612.12	4621.91	4631.70	4641.49	4651.28	4661.07	4670.86	4680.65	4690.44	4700.23
48.0	4710.02	4719.81	4729.60	4739.39	4749.18	4758.97	4768.76	4778.55	4788.34	4798.13
49.0	4807.93	4817.71	4827.50	4837.30	4847.09	4856.87	4866.66	4876.46	4886.25	4896.04
50.0	4905.83	4915.62	4925.41	4935.20	4944.99	4954.78	4964.57	4974.36	4984.15	4993.94
51.0	5003.73	5013.52	5023.31	5033.10	5042.89	5052.68	5062.47	5072.26	5082.05	5091.84
52.0	5101.63	5111.42	5121.21	5131.00	5140.79	5150.58	5160.37	5170.16	5179.95	5189.75
53.0	5199.54	5209.32	5219.12	5228.91	5238.70	5248.49	5258.28	5268.07	5277.86	5287.65
54.0	5297.44	5307.23	5317.02	5326.81	5336.60	5346.39	5356.18	5365.97	5375.76	5385.55
55.0	5395.34	5405.13	5414.92	5424.71	5434.50	5444.29	5454.08	5463.87	5473.66	5483.45
56.0	5493.24	5503.04	5512.82	5522.61	5532.41	5542.20	5551.98	5561.77	5571.57	5581.36
57.0	5591.14	5600.94	5610.73	5620.52	5630.31	5640.10	5649.89	5659.68	5669.47	5679.26
58.0	5689.05	5698.84	5708.63	5718.42	5728.21	5738.00	5747.79	5757.58	5767.37	5777.16
59.0	5786.95	5796.74	5806.53	5816.32	5826.11	5835.90	5845.69	5855.48	5865.27	5875.06
60.0	5884.86	5894.64	5904.43	5914.23	5924.02	5933.80	5943.60	5953.39	5963.18	5972.96
61.0	5982.76	5992.55	6002.34	6012.13	6021.92	6031.71	6041.50	6051.29	6061.08	6070.87
62.0	6080.66	6090.45	6100.24	6110.03	6119.82	6129.61	6139.40	6149.19	6158.98	6168.77
63.0	6178.56	6188.35	6198.14	6207.93	6217.72	6227.52	6237.30	6247.09	6256.88	6266.68
64.0	6276.46	6286.25	6296.05	6305.84	6315.62	6325.42	6335.21	6345.00	6354.79	6364.58
65.0	6374.37	6384.16	6393.95	6403.74	6413.53	6423.32	6433.11	6442.90	6452.69	6462.48
66.0	6472.27	6482.06	6491.85	6501.64	6511.43	6521.22	6531.01	6540.80	6550.59	6560.38
67.0	6570.17	6579.96	6589.75	6599.54	6609.34	6619.12	6628.91	6638.71	6648.50	6658.29
68.0	6668.07	6677.87	6687.66	6697.45	6707.24	6717.03	6726.82	6736.61	6746.40	6756.19
69.0	6765.98	6775.77	6785.56	6795.35	6805.14	6814.93	6824.72	6834.51	6844.30	6854.09

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 10000 PPM CAL. DATE: 01/27/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	6863.88	6873.67	6883.46	6893.25	6903.04	6912.83	6922.62	6932.41	6942.20	6951.99
71.0	6961.79	6971.57	6981.36	6991.16	7000.95	7010.73	7020.53	7030.32	7040.11	7049.90
72.0	7059.69	7069.48	7079.27	7089.06	7098.85	7108.64	7118.43	7128.22	7138.01	7147.80
73.0	7157.59	7167.38	7177.17	7186.96	7196.75	7206.54	7216.33	7226.12	7235.91	7245.70
74.0	7255.49	7265.28	7275.07	7284.86	7294.65	7304.45	7314.23	7324.02	7333.82	7343.61
75.0	7353.39	7363.18	7372.98	7382.77	7392.55	7402.35	7412.14	7421.93	7431.72	7441.51
76.0	7451.30	7461.09	7470.88	7480.67	7490.46	7500.25	7510.04	7519.83	7529.62	7539.41
77.0	7549.20	7558.99	7568.78	7578.57	7588.36	7598.15	7607.94	7617.73	7627.52	7637.31
78.0	7647.10	7656.89	7666.68	7676.47	7686.27	7696.05	7705.84	7715.64	7725.43	7735.21
79.0	7745.01	7754.80	7764.59	7774.37	7784.17	7793.96	7803.75	7813.54	7823.33	7833.12
80.0	7842.91	7852.70	7862.49	7872.28	7882.07	7891.86	7901.65	7911.44	7921.23	7931.02
81.0	7940.81	7950.60	7960.39	7970.18	7979.97	7989.76	7999.55	8009.34	8019.13	8028.93
82.0	8038.71	8048.50	8058.29	8068.09	8077.87	8087.66	8097.46	8107.25	8117.04	8126.83
83.0	8136.62	8146.41	8156.20	8165.99	8175.78	8185.57	8195.36	8205.15	8214.94	8224.73
84.0	8234.52	8244.31	8254.10	8263.89	8273.68	8283.47	8293.26	8303.05	8312.84	8322.63
85.0	8332.42	8342.21	8352.00	8361.79	8371.58	8381.37	8391.16	8400.95	8410.75	8420.54
86.0	8430.32	8440.12	8449.91	8459.70	8469.48	8479.28	8489.07	8498.86	8508.65	8518.44
87.0	8528.23	8538.02	8547.81	8557.60	8567.39	8577.18	8586.97	8596.76	8606.55	8616.34
88.0	8626.13	8635.92	8645.71	8655.50	8665.29	8675.08	8684.87	8694.66	8704.45	8714.24
89.0	8724.04	8733.82	8743.61	8753.40	8763.20	8772.98	8782.77	8792.57	8802.36	8812.14
90.0	8821.94	8831.73	8841.52	8851.31	8861.10	8870.89	8880.68	8890.47	8900.26	8910.05
91.0	8919.84	8929.63	8939.42	8949.21	8959.00	8968.79	8978.58	8988.37	8998.16	9007.95
92.0	9017.74	9027.53	9037.32	9047.11	9056.90	9066.69	9076.48	9086.27	9096.06	9105.86
93.0	9115.64	9125.43	9135.23	9145.02	9154.80	9164.59	9174.39	9184.18	9193.96	9203.76
94.0	9213.55	9223.34	9233.13	9242.92	9252.71	9262.50	9272.29	9282.08	9291.87	9301.66
95.0	9311.45	9321.24	9331.03	9340.82	9350.61	9360.40	9370.19	9379.98	9389.77	9399.56
96.0	9409.35	9419.14	9428.93	9438.72	9448.51	9458.30	9468.09	9477.88	9487.68	9497.46
97.0	9507.25	9517.05	9526.84	9536.62	9546.42	9556.21	9566.00	9575.79	9585.58	9595.37
98.0	9605.16	9614.95	9624.74	9634.53	9644.32	9654.11	9663.90	9673.69	9683.48	9693.27
99.0	9703.06	9712.85	9722.64	9732.43	9742.22	9752.01	9761.80	9771.59	9781.38	9791.17

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 02/10/75

INSTRUMENT: AIA-21 TRAIN: MASS PIC: MALLOW

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.12954813D+01
A(1) = 0.49391370D+01
A(2) = 0.26445325D-01

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-1.3		
13.3	66.5	13.3	69.1	2.6	3.869
39.9	240.0	39.9	237.9	-2.1	-0.884
69.0	461.0	69.0	465.4	4.4	0.957
71.2	488.0	71.2	484.4	-3.6	-0.731

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 02/10/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-1.30	-0.80	-0.31	0.19	0.68	1.18	1.68	2.17	2.67	3.17
1.0	3.67	4.17	4.67	5.17	5.67	6.17	6.67	7.18	7.68	8.18
2.0	8.69	9.19	9.70	10.20	10.71	11.22	11.73	12.23	12.74	13.25
3.0	13.76	14.27	14.78	15.29	15.80	16.32	16.83	17.34	17.86	18.37
4.0	18.88	19.40	19.92	20.43	20.95	21.47	21.98	22.50	23.02	23.54
5.0	24.06	24.58	25.10	25.62	26.15	26.67	27.19	27.72	28.24	28.77
6.0	29.29	29.82	30.34	30.87	31.40	31.93	32.45	32.98	33.51	34.04
7.0	34.57	35.11	35.64	36.17	36.70	37.24	37.77	38.30	38.84	39.37
8.0	39.91	40.45	40.98	41.52	42.06	42.60	43.14	43.68	44.22	44.76
9.0	45.30	45.84	46.38	46.93	47.47	48.01	48.56	49.10	49.65	50.19
10.0	50.74	51.29	51.84	52.38	52.93	53.48	54.03	54.58	55.13	55.68
11.0	56.23	56.79	57.34	57.89	58.45	59.00	59.56	60.11	60.67	61.23
12.0	61.78	62.34	62.90	63.46	64.02	64.58	65.14	65.70	66.26	66.82
13.0	67.38	67.95	68.51	69.07	69.64	70.20	70.77	71.33	71.90	72.47
14.0	73.04	73.60	74.17	74.74	75.31	75.88	76.45	77.02	77.60	78.17
15.0	78.74	79.32	79.89	80.46	81.04	81.61	82.19	82.77	83.34	83.92
16.0	84.50	85.08	85.66	86.24	86.82	87.40	87.98	88.56	89.15	89.73
17.0	90.31	90.90	91.48	92.07	92.65	93.24	93.83	94.41	95.00	95.59
18.0	96.18	96.77	97.36	97.95	98.54	99.13	99.72	100.31	100.91	101.50
19.0	102.09	102.69	103.28	103.88	104.48	105.07	105.67	106.27	106.87	107.47
20.0	108.07	108.67	109.27	109.87	110.47	111.07	111.67	112.28	112.88	113.48
21.0	114.09	114.69	115.30	115.91	116.51	117.12	117.73	118.34	118.95	119.56
22.0	120.17	120.78	121.39	122.00	122.61	123.22	123.84	124.45	125.06	125.68
23.0	126.29	126.91	127.53	128.14	128.76	129.38	130.00	130.62	131.24	131.86
24.0	132.48	133.10	133.72	134.34	134.96	135.59	136.21	136.84	137.46	138.09
25.0	138.71	139.34	139.96	140.59	141.22	141.85	142.48	143.11	143.74	144.37
26.0	145.00	145.63	146.26	146.90	147.53	148.16	148.80	149.43	150.07	150.70
27.0	151.34	151.98	152.61	153.25	153.89	154.53	155.17	155.81	156.45	157.09
28.0	157.73	158.38	159.02	159.66	160.31	160.95	161.60	162.24	162.89	163.53
29.0	164.18	164.83	165.48	166.12	166.77	167.42	168.07	168.72	169.38	170.03
30.0	170.68	171.33	171.99	172.64	173.29	173.95	174.60	175.26	175.92	176.57
31.0	177.23	177.89	178.55	179.21	179.87	180.53	181.19	181.85	182.51	183.17
32.0	183.84	184.50	185.16	185.83	186.49	187.16	187.83	188.49	189.16	189.83
33.0	190.50	191.16	191.83	192.50	193.17	193.84	194.52	195.19	195.86	196.53
34.0	197.21	197.88	198.55	199.23	199.91	200.58	201.26	201.94	202.61	203.29

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 02/10/75

INSTRUMENT: AIA-21 TRAIN: MASS PIC: MALLOW

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.12954813D+01
A(1) = 0.49391370D+01
A(2) = 0.26445325D-01

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-1.3		
13.3	66.5	13.3	69.1	2.6	3.869
39.9	240.0	39.9	237.9	-2.1	-0.884
69.0	461.0	69.0	465.4	4.4	0.957
71.2	488.0	71.2	484.4	-3.6	-0.731

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 02/10/75 PAGE 2 OF 4

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-1.30	-0.80	-0.31	0.19	0.68	1.18	1.68	2.17	2.67	3.17
1.0	3.67	4.17	4.67	5.17	5.67	6.17	6.67	7.18	7.68	8.18
2.0	8.69	9.19	9.70	10.20	10.71	11.22	11.73	12.23	12.74	13.25
3.0	13.76	14.27	14.78	15.29	15.80	16.32	16.83	17.34	17.86	18.37
4.0	18.88	19.40	19.92	20.43	20.95	21.47	21.98	22.50	23.02	23.54
5.0	24.06	24.58	25.10	25.62	26.15	26.67	27.19	27.72	28.24	28.77
6.0	29.29	29.82	30.34	30.87	31.40	31.93	32.45	32.98	33.51	34.04
7.0	34.57	35.11	35.64	36.17	36.70	37.24	37.77	38.30	38.84	39.37
8.0	39.91	40.45	40.98	41.52	42.06	42.60	43.14	43.68	44.22	44.76
9.0	45.30	45.84	46.38	46.93	47.47	48.01	48.56	49.10	49.65	50.19
10.0	50.74	51.29	51.84	52.38	52.93	53.48	54.03	54.58	55.13	55.68
11.0	56.23	56.79	57.34	57.89	58.45	59.00	59.56	60.11	60.67	61.23
12.0	61.78	62.34	62.90	63.46	64.02	64.58	65.14	65.70	66.26	66.82
13.0	67.38	67.95	68.51	69.07	69.64	70.20	70.77	71.33	71.90	72.47
14.0	73.04	73.60	74.17	74.74	75.31	75.88	76.45	77.02	77.60	78.17
15.0	78.74	79.32	79.89	80.46	81.04	81.61	82.19	82.77	83.34	83.92
16.0	84.50	85.08	85.66	86.24	86.82	87.40	87.98	88.56	89.15	89.73
17.0	90.31	90.90	91.48	92.07	92.65	93.24	93.83	94.41	95.00	95.59
18.0	96.18	96.77	97.36	97.95	98.54	99.13	99.72	100.31	100.91	101.50
19.0	102.09	102.69	103.28	103.88	104.48	105.07	105.67	106.27	106.87	107.47
20.0	108.07	108.67	109.27	109.87	110.47	111.07	111.67	112.28	112.88	113.48
21.0	114.09	114.69	115.30	115.91	116.51	117.12	117.73	118.34	118.95	119.56
22.0	120.17	120.78	121.39	122.00	122.61	123.22	123.84	124.45	125.06	125.68
23.0	126.29	126.91	127.53	128.14	128.76	129.38	130.00	130.62	131.24	131.86
24.0	132.48	133.10	133.72	134.34	134.96	135.59	136.21	136.84	137.46	138.09
25.0	138.71	139.34	139.96	140.59	141.22	141.85	142.48	143.11	143.74	144.37
26.0	145.00	145.63	146.26	146.90	147.53	148.16	148.80	149.43	150.07	150.70
27.0	151.34	151.98	152.61	153.25	153.89	154.53	155.17	155.81	156.45	157.09
28.0	157.73	158.38	159.02	159.66	160.31	160.95	161.60	162.24	162.89	163.53
29.0	164.18	164.83	165.48	166.12	166.77	167.42	168.07	168.72	169.38	170.03
30.0	170.68	171.33	171.99	172.64	173.29	173.95	174.60	175.26	175.92	176.57
31.0	177.23	177.89	178.55	179.21	179.87	180.53	181.19	181.85	182.51	183.17
32.0	183.84	184.50	185.16	185.83	186.49	187.16	187.83	188.49	189.16	189.83
33.0	190.50	191.16	191.83	192.50	193.17	193.84	194.52	195.19	195.86	196.53
34.0	197.21	197.88	198.55	199.23	199.91	200.58	201.26	201.94	202.61	203.29

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 02/10/75

INSTRUMENT: AIA-21 TRAIN: MASS PIC: MALLOW

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.12954813D+01
A(1) = 0.49391370D+01
A(2) = 0.26445325D-01

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-1.3		
13.3	66.5	13.3	69.1	2.6	3.869
39.9	240.0	39.9	237.9	-2.1	-0.884
69.0	461.0	69.0	465.4	4.4	0.957
71.2	488.0	71.2	484.4	-3.6	-0.731

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 02/10/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-1.30	-0.80	-0.31	0.19	0.68	1.18	1.68	2.17	2.67	3.17
1.0	3.67	4.17	4.67	5.17	5.67	6.17	6.67	7.18	7.68	8.18
2.0	8.69	9.19	9.70	10.20	10.71	11.22	11.73	12.23	12.74	13.25
3.0	13.76	14.27	14.78	15.29	15.80	16.32	16.83	17.34	17.86	18.37
4.0	18.88	19.40	19.92	20.43	20.95	21.47	21.98	22.50	23.02	23.54
5.0	24.06	24.58	25.10	25.62	26.15	26.67	27.19	27.72	28.24	28.77
6.0	29.29	29.82	30.34	30.87	31.40	31.93	32.45	32.98	33.51	34.04
7.0	34.57	35.11	35.64	36.17	36.70	37.24	37.77	38.30	38.84	39.37
8.0	39.91	40.45	40.98	41.52	42.06	42.60	43.14	43.68	44.22	44.76
9.0	45.30	45.84	46.38	46.93	47.47	48.01	48.56	49.10	49.65	50.19
10.0	50.74	51.29	51.84	52.38	52.93	53.48	54.03	54.58	55.13	55.68
11.0	56.23	56.79	57.34	57.89	58.45	59.00	59.56	60.11	60.67	61.23
12.0	61.78	62.34	62.90	63.46	64.02	64.58	65.14	65.70	66.26	66.82
13.0	67.38	67.95	68.51	69.07	69.64	70.20	70.77	71.33	71.90	72.47
14.0	73.04	73.60	74.17	74.74	75.31	75.88	76.45	77.02	77.60	78.17
15.0	78.74	79.32	79.89	80.46	81.04	81.61	82.19	82.77	83.34	83.92
16.0	84.50	85.08	85.66	86.24	86.82	87.40	87.98	88.56	89.15	89.73
17.0	90.31	90.90	91.48	92.07	92.65	93.24	93.83	94.41	95.00	95.59
18.0	96.18	96.77	97.36	97.95	98.54	99.13	99.72	100.31	100.91	101.50
19.0	102.09	102.69	103.28	103.88	104.48	105.07	105.67	106.27	106.87	107.47
20.0	108.07	108.67	109.27	109.87	110.47	111.07	111.67	112.28	112.88	113.48
21.0	114.09	114.69	115.30	115.91	116.51	117.12	117.73	118.34	118.95	119.56
22.0	120.17	120.78	121.39	122.00	122.61	123.22	123.84	124.45	125.06	125.68
23.0	126.29	126.91	127.53	128.14	128.76	129.38	130.00	130.62	131.24	131.86
24.0	132.48	133.10	133.72	134.34	134.96	135.59	136.21	136.84	137.46	138.09
25.0	138.71	139.34	139.96	140.59	141.22	141.85	142.48	143.11	143.74	144.37
26.0	145.00	145.63	146.26	146.90	147.53	148.16	148.80	149.43	150.07	150.70
27.0	151.34	151.98	152.61	153.25	153.89	154.53	155.17	155.81	156.45	157.09
28.0	157.73	158.38	159.02	159.66	160.31	160.95	161.60	162.24	162.89	163.53
29.0	164.18	164.83	165.48	166.12	166.77	167.42	168.07	168.72	169.38	170.03
30.0	170.68	171.33	171.99	172.64	173.29	173.95	174.60	175.26	175.92	176.57
31.0	177.23	177.89	178.55	179.21	179.87	180.53	181.19	181.85	182.51	183.17
32.0	183.84	184.50	185.16	185.83	186.49	187.16	187.83	188.49	189.16	189.83
33.0	190.50	191.16	191.83	192.50	193.17	193.84	194.52	195.19	195.86	196.53
34.0	197.21	197.88	198.55	199.23	199.91	200.58	201.26	201.94	202.61	203.29

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 02/10/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	203.97	204.65	205.33	206.01	206.69	207.37	208.05	208.74	209.42	210.10
36.0	210.79	211.47	212.16	212.84	213.53	214.21	214.90	215.59	216.28	216.97
37.0	217.66	218.35	219.04	219.73	220.42	221.11	221.80	222.50	223.19	223.88
38.0	224.58	225.27	225.97	226.67	227.36	228.06	228.76	229.46	230.15	230.85
39.0	231.55	232.25	232.96	233.66	234.36	235.06	235.76	236.47	237.17	237.88
40.0	238.58	239.29	239.99	240.70	241.41	242.12	242.82	243.53	244.24	244.95
41.0	245.66	246.37	247.09	247.80	248.51	249.22	249.94	250.65	251.37	252.08
42.0	252.80	253.51	254.23	254.95	255.67	256.38	257.10	257.82	258.54	259.26
43.0	259.98	260.71	261.43	262.15	262.87	263.60	264.32	265.05	265.77	266.50
44.0	267.22	267.95	268.68	269.41	270.14	270.86	271.59	272.32	273.05	273.79
45.0	274.52	275.25	275.98	276.72	277.45	278.18	278.92	279.65	280.39	281.13
46.0	281.86	282.60	283.34	284.08	284.82	285.56	286.30	287.04	287.78	288.52
47.0	289.26	290.00	290.75	291.49	292.24	292.98	293.73	294.47	295.22	295.97
48.0	296.71	297.46	298.21	298.96	299.71	300.46	301.21	301.96	302.71	303.46
49.0	304.22	304.97	305.72	306.48	307.23	307.99	308.75	309.50	310.26	311.02
50.0	311.77	312.53	313.29	314.05	314.81	315.57	316.33	317.10	317.86	318.62
51.0	319.38	320.15	320.91	321.68	322.44	323.21	323.98	324.74	325.51	326.28
52.0	327.05	327.82	328.59	329.36	330.13	330.90	331.67	332.44	333.22	333.99
53.0	334.76	335.54	336.31	337.09	337.86	338.64	339.42	340.20	340.97	341.75
54.0	342.53	343.31	344.09	344.87	345.65	346.44	347.22	348.00	348.79	349.57
55.0	350.35	351.14	351.92	352.71	353.50	354.28	355.07	355.86	356.65	357.44
56.0	358.23	359.02	359.81	360.60	361.39	362.19	362.98	363.77	364.57	365.36
57.0	366.16	366.95	367.75	368.54	369.34	370.14	370.94	371.74	372.54	373.34
58.0	374.14	374.94	375.74	376.54	377.34	378.15	378.95	379.75	380.56	381.36
59.0	382.17	382.98	383.78	384.59	385.40	386.21	387.02	387.82	388.63	389.44
60.0	390.26	391.07	391.88	392.69	393.51	394.32	395.13	395.95	396.76	397.58
61.0	398.40	399.21	400.03	400.85	401.67	402.48	403.30	404.12	404.94	405.77
62.0	406.59	407.41	408.23	409.05	409.88	410.70	411.53	412.35	413.18	414.00
63.0	414.83	415.66	416.49	417.32	418.14	418.97	419.80	420.63	421.47	422.30
64.0	423.13	423.96	424.80	425.63	426.46	427.30	428.13	428.97	429.81	430.64
65.0	431.48	432.32	433.16	434.00	434.83	435.68	436.52	437.36	438.20	439.04
66.0	439.88	440.73	441.57	442.41	443.26	444.10	444.95	445.80	446.64	447.49
67.0	448.34	449.19	450.04	450.89	451.74	452.59	453.44	454.29	455.14	456.00
68.0	456.85	457.70	458.56	459.41	460.27	461.12	461.98	462.84	463.69	464.55
69.0	465.41	466.27	467.13	467.99	468.85	469.71	470.57	471.44	472.30	473.16

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 750 PPM CAL. DATE: 02/10/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	474.03	474.89	475.76	476.62	477.49	478.35	479.22	480.09	480.96	481.82
71.0	482.69	483.56	484.43	485.30	486.18	487.05	487.92	488.79	489.67	490.54
72.0	491.42	492.29	493.17	494.04	494.92	495.80	496.67	497.55	498.43	499.31
73.0	500.19	501.07	501.95	502.83	503.71	504.60	505.48	506.36	507.25	508.13
74.0	509.02	509.90	510.79	511.67	512.56	513.45	514.34	515.23	516.11	517.00
75.0	517.89	518.79	519.68	520.57	521.46	522.35	523.25	524.14	525.04	525.93
76.0	526.83	527.72	528.62	529.52	530.42	531.31	532.21	533.11	534.01	534.91
77.0	535.81	536.71	537.62	538.52	539.42	540.32	541.23	542.13	543.04	543.94
78.0	544.85	545.76	546.66	547.57	548.48	549.39	550.30	551.21	552.12	553.03
79.0	553.94	554.85	555.77	556.68	557.59	558.51	559.42	560.34	561.25	562.17
80.0	563.09	564.00	564.92	565.84	566.76	567.68	568.60	569.52	570.44	571.36
81.0	572.28	573.21	574.13	575.05	575.98	576.90	577.83	578.75	579.68	580.60
82.0	581.53	582.46	583.39	584.32	585.25	586.18	587.11	588.04	588.97	589.90
83.0	590.83	591.77	592.70	593.64	594.57	595.51	596.44	597.38	598.31	599.25
84.0	600.19	601.13	602.07	603.01	603.95	604.89	605.83	606.77	607.71	608.66
85.0	609.60	610.54	611.49	612.43	613.38	614.32	615.27	616.22	617.16	618.11
86.0	619.06	620.01	620.96	621.91	622.86	623.81	624.76	625.71	626.67	627.62
87.0	628.57	629.53	630.48	631.44	632.39	633.35	634.31	635.27	636.22	637.18
88.0	638.14	639.10	640.06	641.02	641.98	642.94	643.91	644.87	645.83	646.80
89.0	647.76	648.73	649.69	650.66	651.62	652.59	653.56	654.53	655.50	656.46
90.0	657.43	658.40	659.37	660.35	661.32	662.29	663.26	664.24	665.21	666.18
91.0	667.16	668.14	669.11	670.09	671.06	672.04	673.02	674.00	674.98	675.96
92.0	676.94	677.92	678.90	679.88	680.86	681.85	682.83	683.81	684.80	685.78
93.0	686.77	687.76	688.74	689.73	690.72	691.71	692.69	693.68	694.67	695.66
94.0	696.65	697.65	698.64	699.63	700.62	701.62	702.61	703.60	704.60	705.60
95.0	706.59	707.59	708.59	709.58	710.58	711.58	712.58	713.58	714.58	715.58
96.0	716.58	717.58	718.59	719.59	720.59	721.60	722.60	723.61	724.61	725.62
97.0	726.62	727.63	728.64	729.65	730.66	731.67	732.68	733.69	734.70	735.71
98.0	736.72	737.73	738.75	739.76	740.77	741.79	742.80	743.82	744.84	745.85
99.0	746.87	747.89	748.91	749.92	750.94	751.96	752.98	754.01	755.03	756.05

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 02/14/75 PAGE 1 OF 4

INSTRUMENT: 3158 TRAIN: MASS PIC: MALLON

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = 0.19401047D+01
A(1) = 0.21800778D+02
A(2) = 0.91748467D-01

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	1.9		
19.3	461.0	19.3	456.9	-4.1	-0.896
41.0	1051.0	41.0	1050.0	-1.0	-0.095
61.5	1679.0	61.5	1689.7	10.7	0.637
78.3	2282.0	78.3	2271.4	-10.6	-0.463
95.0	2898.0	95.0	2901.0	3.0	0.105

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 02/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	1.94	4.12	6.30	8.49	10.68	12.86	15.05	17.25	19.44	21.64
1.0	23.83	26.03	28.23	30.44	32.64	34.85	37.06	39.27	41.48	43.69
2.0	45.91	48.13	50.35	52.57	54.79	57.02	59.24	61.47	63.70	65.93
3.0	68.17	70.40	72.64	74.88	77.12	79.37	81.61	83.86	86.11	88.36
4.0	90.61	92.87	95.12	97.38	99.64	101.90	104.17	106.43	108.70	110.97
5.0	113.24	115.51	117.79	120.06	122.34	124.62	126.90	129.19	131.47	133.76
6.0	136.05	138.34	140.63	142.93	145.22	147.52	149.82	152.12	154.43	156.73
7.0	159.04	161.35	163.66	165.98	168.29	170.61	172.93	175.25	177.57	179.89
8.0	182.22	184.55	186.88	189.21	191.54	193.88	196.21	198.55	200.89	203.23
9.0	205.58	207.92	210.27	212.62	214.97	217.33	219.68	222.04	224.40	226.76
10.0	229.12	231.49	233.85	236.22	238.59	240.96	243.34	245.71	248.09	250.47
11.0	252.85	255.23	257.62	260.00	262.39	264.78	267.17	269.57	271.96	274.36
12.0	276.76	279.16	281.57	283.97	286.38	288.79	291.20	293.61	296.02	298.44
13.0	300.86	303.28	305.70	308.12	310.54	312.97	315.40	317.83	320.26	322.70
14.0	325.13	327.57	330.01	332.45	334.90	337.34	339.79	342.24	344.69	347.14
15.0	349.60	352.05	354.51	356.97	359.43	361.89	364.36	366.83	369.30	371.77
16.0	374.24	376.71	379.19	381.67	384.15	386.63	389.12	391.60	394.09	396.58
17.0	399.07	401.56	404.06	406.55	409.05	411.55	414.05	416.56	419.06	421.57
18.0	424.08	426.59	429.10	431.62	434.14	436.66	439.18	441.70	444.22	446.75
19.0	449.28	451.81	454.34	456.87	459.41	461.94	464.48	467.02	469.56	472.11
20.0	474.66	477.20	479.75	482.30	484.86	487.41	489.97	492.53	495.09	497.65
21.0	500.22	502.78	505.35	507.92	510.49	513.07	515.64	518.22	520.80	523.38
22.0	525.96	528.55	531.13	533.72	536.31	538.91	541.50	544.09	546.69	549.29
23.0	551.89	554.50	557.10	559.71	562.32	564.93	567.54	570.15	572.77	575.39
24.0	578.01	580.63	583.25	585.88	588.50	591.13	593.76	596.39	599.03	601.66
25.0	604.30	606.94	609.58	612.23	614.87	617.52	620.17	622.82	625.47	628.13
26.0	630.78	633.44	636.10	638.76	641.43	644.09	646.76	649.43	652.10	654.77
27.0	657.45	660.12	662.80	665.48	668.16	670.85	673.53	676.22	678.91	681.60
28.0	684.29	686.99	689.68	692.38	695.08	697.78	700.49	703.19	705.90	708.61
29.0	711.32	714.04	716.75	719.47	722.19	724.91	727.63	730.35	733.08	735.81
30.0	738.54	741.27	744.00	746.74	749.47	752.21	754.95	757.70	760.44	763.19
31.0	765.93	768.68	771.44	774.19	776.94	779.70	782.46	785.22	787.98	790.75
32.0	793.52	796.28	799.05	801.83	804.60	807.37	810.15	812.93	815.71	818.50
33.0	821.28	824.07	826.85	829.65	832.44	835.23	838.03	840.82	843.62	846.42
34.0	849.23	852.03	854.84	857.65	860.46	863.27	866.08	868.90	871.72	874.54

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 02/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	877.36	880.18	883.01	885.83	888.66	891.49	894.33	897.16	900.00	902.83
36.0	905.67	908.52	911.36	914.20	917.05	919.90	922.75	925.60	928.46	931.31
37.0	934.17	937.03	939.89	942.76	945.62	948.49	951.36	954.23	957.10	959.98
38.0	962.85	965.73	968.61	971.49	974.38	977.26	980.15	983.04	985.93	988.83
39.0	991.72	994.62	997.52	1000.42	1003.32	1006.22	1009.13	1012.03	1014.94	1017.86
40.0	1020.77	1023.68	1026.60	1029.52	1032.44	1035.36	1038.29	1041.21	1044.14	1047.07
41.0	1050.00	1052.93	1055.87	1058.81	1061.75	1064.69	1067.63	1070.57	1073.52	1076.47
42.0	1079.42	1082.37	1085.32	1088.28	1091.23	1094.19	1097.15	1100.12	1103.08	1106.05
43.0	1109.02	1111.99	1114.96	1117.93	1120.91	1123.89	1126.86	1129.85	1132.83	1135.81
44.0	1138.80	1141.79	1144.78	1147.77	1150.76	1153.76	1156.76	1159.76	1162.76	1165.76
45.0	1168.77	1171.77	1174.78	1177.79	1180.80	1183.82	1186.83	1189.85	1192.87	1195.89
46.0	1198.92	1201.94	1204.97	1208.00	1211.03	1214.06	1217.09	1220.13	1223.17	1226.21
47.0	1229.25	1232.29	1235.34	1238.39	1241.43	1244.48	1247.54	1250.59	1253.65	1256.71
48.0	1259.77	1262.83	1265.89	1268.96	1272.02	1275.09	1278.16	1281.24	1284.31	1287.39
49.0	1290.47	1293.55	1296.63	1299.71	1302.80	1305.89	1308.97	1312.07	1315.16	1318.25
50.0	1321.35	1324.45	1327.55	1330.65	1333.76	1336.86	1339.97	1343.08	1346.19	1349.30
51.0	1352.42	1355.53	1358.65	1361.77	1364.90	1368.02	1371.15	1374.27	1377.40	1380.54
52.0	1383.67	1386.80	1389.94	1393.08	1396.22	1399.36	1402.51	1405.65	1408.80	1411.95
53.0	1415.10	1418.26	1421.41	1424.57	1427.73	1430.89	1434.05	1437.22	1440.38	1443.55
54.0	1446.72	1449.89	1453.07	1456.24	1459.42	1462.60	1465.78	1468.96	1472.15	1475.33
55.0	1478.52	1481.71	1484.90	1488.10	1491.29	1494.49	1497.69	1500.89	1504.10	1507.30
56.0	1510.51	1513.72	1516.93	1520.14	1523.35	1526.57	1529.79	1533.01	1536.23	1539.45
57.0	1542.68	1545.90	1549.13	1552.36	1555.59	1558.83	1562.06	1565.30	1568.54	1571.78
58.0	1575.03	1578.27	1581.52	1584.77	1588.02	1591.27	1594.53	1597.78	1601.04	1604.30
59.0	1607.56	1610.83	1614.09	1617.36	1620.63	1623.90	1627.17	1630.45	1633.72	1637.00
60.0	1640.28	1643.56	1646.85	1650.13	1653.42	1656.71	1660.00	1663.29	1666.59	1669.89
61.0	1673.18	1676.48	1679.79	1683.09	1686.40	1689.70	1693.01	1696.32	1699.64	1702.95
62.0	1706.27	1709.59	1712.91	1716.23	1719.56	1722.88	1726.21	1729.54	1732.87	1736.20
63.0	1739.54	1742.88	1746.22	1749.56	1752.90	1756.24	1759.59	1762.94	1766.29	1769.64
64.0	1772.99	1776.35	1779.70	1783.06	1786.42	1789.79	1793.15	1796.52	1799.89	1803.26
65.0	1806.63	1810.00	1813.38	1816.76	1820.13	1823.52	1826.90	1830.28	1833.67	1837.06
66.0	1840.45	1843.84	1847.23	1850.63	1854.03	1857.43	1860.83	1864.23	1867.64	1871.04
67.0	1874.45	1877.86	1881.27	1884.69	1888.10	1891.52	1894.94	1898.36	1901.79	1905.21
68.0	1908.64	1912.07	1915.50	1918.93	1922.36	1925.80	1929.24	1932.68	1936.12	1939.56
69.0	1943.01	1946.46	1949.90	1953.36	1956.81	1960.26	1963.72	1967.18	1970.64	1974.10

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM PULLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 02/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	1977.56	1981.03	1984.50	1987.96	1991.44	1994.91	1998.38	2001.86	2005.34	2008.82
71.0	2012.30	2015.78	2019.27	2022.76	2026.25	2029.74	2033.23	2036.73	2040.22	2043.72
72.0	2047.22	2050.72	2054.23	2057.73	2061.24	2064.75	2068.26	2071.77	2075.29	2078.81
73.0	2082.32	2085.85	2089.37	2092.89	2096.42	2099.95	2103.48	2107.01	2110.54	2114.08
74.0	2117.61	2121.15	2124.69	2128.23	2131.7	2135.33	2138.87	2142.42	2145.98	2149.53
75.0	2153.08	2156.64	2160.20	2163.76	2167.32	2170.89	2174.45	2178.02	2181.59	2185.17
76.0	2188.74	2192.31	2195.89	2199.47	2203.05	2206.64	2210.22	2213.81	2217.39	2220.99
77.0	2224.58	2228.17	2231.77	2235.36	2238.96	2242.57	2246.17	2249.77	2253.38	2256.99
78.0	2260.60	2264.21	2267.83	2271.44	2275.06	2278.68	2282.30	2285.92	2289.55	2293.18
79.0	2296.80	2300.43	2304.07	2307.70	2311.34	2314.98	2318.62	2322.26	2325.90	2329.55
80.0	2333.19	2336.84	2340.49	2344.15	2347.80	2351.46	2355.11	2358.77	2362.44	2366.10
81.0	2369.77	2373.43	2377.10	2380.77	2384.45	2388.12	2391.80	2395.48	2399.16	2402.84
82.0	2406.52	2410.21	2413.89	2417.58	2421.27	2424.97	2428.66	2432.36	2436.06	2439.76
83.0	2443.46	2447.16	2450.87	2454.58	2458.29	2462.00	2465.71	2469.43	2473.14	2476.86
84.0	2480.58	2484.31	2488.03	2491.76	2495.48	2499.21	2502.95	2506.68	2510.41	2514.15
85.0	2517.89	2521.63	2525.37	2529.12	2532.86	2536.61	2540.36	2544.11	2547.87	2551.62
86.0	2555.38	2559.14	2562.90	2566.66	2570.43	2574.19	2577.96	2581.73	2585.50	2589.28
87.0	2593.05	2596.83	2600.61	2604.39	2608.17	2611.96	2615.74	2619.53	2623.32	2627.12
88.0	2630.91	2634.71	2638.50	2642.30	2646.10	2649.91	2653.71	2657.52	2661.33	2665.14
89.0	2668.95	2672.76	2676.58	2680.40	2684.22	2688.04	2691.86	2695.69	2699.51	2703.34
90.0	2707.17	2711.01	2714.84	2718.68	2722.51	2726.35	2730.20	2734.04	2737.88	2741.73
91.0	2745.58	2749.43	2753.28	2757.14	2760.99	2764.85	2768.71	2772.57	2776.44	2780.30
92.0	2784.17	2788.04	2791.91	2795.78	2799.66	2803.54	2807.41	2811.29	2815.18	2819.06
93.0	2822.95	2826.83	2830.72	2834.61	2838.51	2842.40	2846.30	2850.20	2854.10	2858.00
94.0	2861.90	2865.81	2869.72	2873.63	2877.54	2881.45	2885.37	2889.28	2893.20	2897.12
95.0	2901.04	2904.97	2908.90	2912.82	2916.75	2920.68	2924.62	2928.55	2932.49	2936.43
96.0	2940.37	2944.31	2948.26	2952.20	2956.15	2960.10	2964.05	2968.01	2971.96	2975.92
97.0	2979.88	2983.84	2987.80	2991.77	2995.73	2999.70	3003.67	3007.64	3011.62	3015.59
98.0	3019.57	3023.55	3027.53	3031.51	3035.50	3039.48	3043.47	3047.46	3051.45	3055.45
99.0	3059.44	3063.44	3067.44	3071.44	3075.45	3079.45	3083.46	3087.47	3091.48	3095.49

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 100 PPM CAL. DATE: 02/14/75

INSTRUMENT: TECO-CL TRAIN: MASS PIC: MALLOW

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = -0.18221630D+00
A(1) = 0.10019748D+01

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	-0.2		
32.7	32.3	32.7	32.6	0.3	0.874
92.2	92.3	92.2	92.2	-0.1	-0.109

C15b

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 100 PPM CAL. DATE: 02/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	-0.18	-0.08	0.02	0.12	0.22	0.32	0.42	0.52	0.62	0.72
1.0	0.82	0.92	1.02	1.12	1.22	1.32	1.42	1.52	1.62	1.72
2.0	1.82	1.92	2.02	2.12	2.22	2.32	2.42	2.52	2.62	2.72
3.0	2.82	2.92	3.02	3.12	3.22	3.32	3.42	3.53	3.63	3.73
4.0	3.83	3.93	4.03	4.13	4.23	4.33	4.43	4.53	4.63	4.73
5.0	4.83	4.93	5.03	5.13	5.23	5.33	5.43	5.53	5.63	5.73
6.0	5.83	5.93	6.03	6.13	6.23	6.33	6.43	6.53	6.63	6.73
7.0	6.83	6.93	7.03	7.13	7.23	7.33	7.43	7.53	7.63	7.73
8.0	7.83	7.93	8.03	8.13	8.23	8.33	8.43	8.53	8.64	8.74
9.0	8.84	8.94	9.04	9.14	9.24	9.34	9.44	9.54	9.64	9.74
10.0	9.84	9.94	10.04	10.14	10.24	10.34	10.44	10.54	10.64	10.74
11.0	10.84	10.94	11.04	11.14	11.24	11.34	11.44	11.54	11.64	11.74
12.0	11.84	11.94	12.04	12.14	12.24	12.34	12.44	12.54	12.64	12.74
13.0	12.84	12.94	13.04	13.14	13.24	13.34	13.44	13.54	13.65	13.75
14.0	13.85	13.95	14.05	14.15	14.25	14.35	14.45	14.55	14.65	14.75
15.0	14.85	14.95	15.05	15.15	15.25	15.35	15.45	15.55	15.65	15.75
16.0	15.85	15.95	16.05	16.15	16.25	16.35	16.45	16.55	16.65	16.75
17.0	16.85	16.95	17.05	17.15	17.25	17.35	17.45	17.55	17.65	17.75
18.0	17.85	17.95	18.05	18.15	18.25	18.35	18.45	18.55	18.65	18.76
19.0	18.86	18.96	19.06	19.16	19.26	19.36	19.46	19.56	19.66	19.76
20.0	19.86	19.96	20.06	20.16	20.26	20.36	20.46	20.56	20.66	20.76
21.0	20.86	20.96	21.06	21.16	21.26	21.36	21.46	21.56	21.66	21.76
22.0	21.86	21.96	22.06	22.16	22.26	22.36	22.46	22.56	22.66	22.76
23.0	22.86	22.96	23.06	23.16	23.26	23.36	23.46	23.56	23.66	23.76
24.0	23.87	23.97	24.07	24.17	24.27	24.37	24.47	24.57	24.67	24.77
25.0	24.87	24.97	25.07	25.17	25.27	25.37	25.47	25.57	25.67	25.77
26.0	25.87	25.97	26.07	26.17	26.27	26.37	26.47	26.57	26.67	26.77
27.0	26.87	26.97	27.07	27.17	27.27	27.37	27.47	27.57	27.67	27.77
28.0	27.87	27.97	28.07	28.17	28.27	28.37	28.47	28.57	28.67	28.77
29.0	28.88	28.98	29.08	29.18	29.28	29.38	29.48	29.58	29.68	29.78
30.0	29.88	29.98	30.08	30.18	30.28	30.38	30.48	30.58	30.68	30.78
31.0	30.88	30.98	31.08	31.18	31.28	31.38	31.48	31.58	31.68	31.78
32.0	31.88	31.98	32.08	32.18	32.28	32.38	32.48	32.58	32.68	32.78
33.0	32.88	32.98	33.08	33.18	33.28	33.38	33.48	33.58	33.68	33.78
34.0	33.88	33.99	34.09	34.19	34.29	34.39	34.49	34.59	34.69	34.79

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 100 PPM CAL. DATE: 02/14/75

DEFLECTION	CONCENTPATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	34.89	34.99	35.09	35.19	35.29	35.39	35.49	35.59	35.69	35.79
36.0	35.89	35.99	36.09	36.19	36.29	36.39	36.49	36.59	36.69	36.79
37.0	36.89	36.99	37.09	37.19	37.29	37.39	37.49	37.59	37.69	37.79
38.0	37.89	37.99	38.09	38.19	38.29	38.39	38.49	38.59	38.69	38.79
39.0	38.89	38.99	39.10	39.20	39.30	39.40	39.50	39.60	39.70	39.80
40.0	39.90	40.00	40.10	40.20	40.30	40.40	40.50	40.60	40.70	40.80
41.0	40.90	41.00	41.10	41.20	41.30	41.40	41.50	41.60	41.70	41.80
42.0	41.90	42.00	42.10	42.20	42.30	42.40	42.50	42.60	42.70	42.80
43.0	42.90	43.00	43.10	43.20	43.30	43.40	43.50	43.60	43.70	43.80
44.0	43.90	44.00	44.11	44.21	44.31	44.41	44.51	44.61	44.71	44.81
45.0	44.91	45.01	45.11	45.21	45.31	45.41	45.51	45.61	45.71	45.81
46.0	45.91	46.01	46.11	46.21	46.31	46.41	46.51	46.61	46.71	46.81
47.0	46.91	47.01	47.11	47.21	47.31	47.41	47.51	47.61	47.71	47.81
48.0	47.91	48.01	48.11	48.21	48.31	48.41	48.51	48.61	48.71	48.81
49.0	48.91	49.01	49.11	49.22	49.32	49.42	49.52	49.62	49.72	49.82
50.0	49.92	50.02	50.12	50.22	50.32	50.42	50.52	50.62	50.72	50.82
51.0	50.92	51.02	51.12	51.22	51.32	51.42	51.52	51.62	51.72	51.82
52.0	51.92	52.02	52.12	52.22	52.32	52.42	52.52	52.62	52.72	52.82
53.0	52.92	53.02	53.12	53.22	53.32	53.42	53.52	53.62	53.72	53.82
54.0	53.92	54.02	54.12	54.23	54.33	54.43	54.53	54.63	54.73	54.83
55.0	54.93	55.03	55.13	55.23	55.33	55.43	55.53	55.63	55.73	55.83
56.0	55.93	56.03	56.13	56.23	56.33	56.43	56.53	56.63	56.73	56.83
57.0	56.93	57.03	57.13	57.23	57.33	57.43	57.53	57.63	57.73	57.83
58.0	57.93	58.03	58.13	58.23	58.33	58.43	58.53	58.63	58.73	58.83
59.0	58.93	59.03	59.13	59.23	59.34	59.44	59.54	59.64	59.74	59.84
60.0	59.94	60.04	60.14	60.24	60.34	60.44	60.54	60.64	60.74	60.84
61.0	60.94	61.04	61.14	61.24	61.34	61.44	61.54	61.64	61.74	61.84
62.0	61.94	62.04	62.14	62.24	62.34	62.44	62.54	62.64	62.74	62.84
63.0	62.94	63.04	63.14	63.24	63.34	63.44	63.54	63.64	63.74	63.84
64.0	63.94	64.04	64.14	64.24	64.34	64.45	64.55	64.65	64.75	64.85
65.0	64.95	65.05	65.15	65.25	65.35	65.45	65.55	65.65	65.75	65.85
66.0	65.95	66.05	66.15	66.25	66.35	66.45	66.55	66.65	66.75	66.85
67.0	66.95	67.05	67.15	67.25	67.35	67.45	67.55	67.65	67.75	67.85
68.0	67.95	68.05	68.15	68.25	68.35	68.45	68.55	68.65	68.75	68.85
69.0	68.95	69.05	69.15	69.25	69.35	69.46	69.56	69.66	69.76	69.86

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 100 PPM CAL. DATE: 02/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	69.96	70.06	70.16	70.26	70.36	70.46	70.56	70.66	70.76	70.86
71.0	70.96	71.06	71.16	71.26	71.36	71.46	71.56	71.66	71.76	71.86
72.0	71.96	72.06	72.16	72.26	72.36	72.46	72.56	72.66	72.76	72.86
73.0	72.96	73.06	73.16	73.26	73.36	73.46	73.56	73.66	73.76	73.86
74.0	73.96	74.06	74.16	74.26	74.36	74.46	74.57	74.67	74.77	74.87
75.0	74.97	75.07	75.17	75.27	75.37	75.47	75.57	75.67	75.77	75.87
76.0	75.97	76.07	76.17	76.27	76.37	76.47	76.57	76.67	76.77	76.87
77.0	76.97	77.07	77.17	77.27	77.37	77.47	77.57	77.67	77.77	77.87
78.0	77.97	78.07	78.17	78.27	78.37	78.47	78.57	78.67	78.77	78.87
79.0	78.97	79.07	79.17	79.27	79.37	79.47	79.57	79.68	79.78	79.88
80.0	79.98	80.08	80.18	80.28	80.38	80.48	80.58	80.68	80.78	80.88
81.0	80.98	81.08	81.18	81.28	81.38	81.48	81.58	81.68	81.78	81.88
82.0	81.98	82.08	82.18	82.28	82.38	82.48	82.58	82.68	82.78	82.88
83.0	82.98	83.08	83.18	83.28	83.38	83.48	83.58	83.68	83.78	83.88
84.0	83.98	84.08	84.18	84.28	84.38	84.48	84.58	84.69	84.79	84.89
85.0	84.99	85.09	85.19	85.29	85.39	85.49	85.59	85.69	85.79	85.89
86.0	85.99	86.09	86.19	86.29	86.39	86.49	86.59	86.69	86.79	86.89
87.0	86.99	87.09	87.19	87.29	87.39	87.49	87.59	87.69	87.79	87.89
88.0	87.99	88.09	88.19	88.29	88.39	88.49	88.59	88.69	88.79	88.89
89.0	88.99	89.09	89.19	89.29	89.39	89.49	89.59	89.69	89.80	89.90
90.0	90.00	90.10	90.20	90.30	90.40	90.50	90.60	90.70	90.80	90.90
91.0	91.00	91.10	91.20	91.30	91.40	91.50	91.60	91.70	91.80	91.90
92.0	92.00	92.10	92.20	92.30	92.40	92.50	92.60	92.70	92.80	92.90
93.0	93.00	93.10	93.20	93.30	93.40	93.50	93.60	93.70	93.80	93.90
94.0	94.00	94.10	94.20	94.30	94.40	94.50	94.60	94.70	94.81	94.91
95.0	95.01	95.11	95.21	95.31	95.41	95.51	95.61	95.71	95.81	95.91
96.0	96.01	96.11	96.21	96.31	96.41	96.51	96.61	96.71	96.81	96.91
97.0	97.01	97.11	97.21	97.31	97.41	97.51	97.61	97.71	97.81	97.91
98.0	98.01	98.11	98.21	98.31	98.41	98.51	98.61	98.71	98.81	98.91
99.0	99.01	99.11	99.21	99.31	99.41	99.51	99.61	99.71	99.81	99.92

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 1000 PPM CAL. DATE: 02/14/75

INSTRUMENT: TECO-CL TRAIN: MASS PIC: MALLOW

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = 0.35784399D+00
A(1) = 0.99305132D+01

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	0.4		
23.4	234.0	23.4	232.7	-1.3	-0.542
62.1	618.0	62.1	617.0	-1.0	-0.155
86.8	854.0	86.8	862.3	8.3	0.975
98.1	981.0	98.1	974.5	-6.5	-0.658

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 1000 PPM CAL. DATE: 02/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	0.36	1.35	2.34	3.34	4.33	5.32	6.32	7.31	8.30	9.30
1.0	10.29	11.28	12.27	13.27	14.26	15.25	16.25	17.24	18.23	19.23
2.0	20.22	21.21	22.20	23.20	24.19	25.18	26.18	27.17	28.16	29.16
3.0	30.15	31.14	32.14	33.13	34.12	35.11	36.11	37.10	38.09	39.09
4.0	40.08	41.07	42.07	43.06	44.05	45.05	46.04	47.03	48.02	49.02
5.0	50.01	51.00	52.00	52.99	53.98	54.98	55.97	56.96	57.95	58.95
6.0	59.94	60.93	61.93	62.92	63.91	64.91	65.90	66.89	67.89	68.88
7.0	69.87	70.86	71.86	72.85	73.84	74.84	75.83	76.82	77.82	78.81
8.0	79.80	80.80	81.79	82.78	83.77	84.77	85.76	86.75	87.75	88.74
9.0	89.73	90.73	91.72	92.71	93.70	94.70	95.69	96.68	97.68	98.67
10.0	99.66	100.66	101.65	102.64	103.64	104.63	105.62	106.61	107.61	108.60
11.0	109.59	110.59	111.58	112.57	113.57	114.56	115.55	116.54	117.54	118.53
12.0	119.52	120.52	121.51	122.50	123.50	124.49	125.48	126.48	127.47	128.46
13.0	129.45	130.45	131.44	132.43	133.43	134.42	135.41	136.41	137.40	138.39
14.0	139.39	140.38	141.37	142.36	143.36	144.35	145.34	146.34	147.33	148.32
15.0	149.32	150.31	151.30	152.29	153.29	154.28	155.27	156.27	157.26	158.25
16.0	159.25	160.24	161.23	162.23	163.22	164.21	165.20	166.20	167.19	168.18
17.0	169.18	170.17	171.16	172.16	173.15	174.14	175.13	176.13	177.12	178.11
18.0	179.11	180.10	181.09	182.09	183.08	184.07	185.07	186.06	187.05	188.04
19.0	189.04	190.03	191.02	192.02	193.01	194.00	195.00	195.99	196.98	197.98
20.0	198.97	199.96	200.95	201.95	202.94	203.93	204.93	205.92	206.91	207.91
21.0	208.90	209.89	210.88	211.88	212.87	213.86	214.86	215.85	216.84	217.84
22.0	218.83	219.82	220.82	221.81	222.80	223.79	224.79	225.78	226.77	227.77
23.0	228.76	229.75	230.75	231.74	232.73	233.72	234.72	235.71	236.70	237.70
24.0	238.69	239.68	240.68	241.67	242.66	243.66	244.65	245.64	246.63	247.63
25.0	248.62	249.61	250.61	251.60	252.59	253.59	254.58	255.57	256.56	257.56
26.0	258.55	259.54	260.54	261.53	262.52	263.52	264.51	265.50	266.50	267.49
27.0	268.48	269.47	270.47	271.46	272.45	273.45	274.44	275.43	276.43	277.42
28.0	278.41	279.41	280.40	281.39	282.38	283.38	284.37	285.36	286.36	287.35
29.0	288.34	289.34	290.33	291.32	292.31	293.31	294.30	295.29	296.29	297.28
30.0	298.27	299.27	300.26	301.25	302.25	303.24	304.23	305.22	306.22	307.21
31.0	308.20	309.20	310.19	311.18	312.18	313.17	314.16	315.16	316.15	317.14
32.0	318.13	319.13	320.12	321.11	322.11	323.10	324.09	325.09	326.08	327.07
33.0	328.06	329.06	330.05	331.04	332.04	333.03	334.02	335.02	336.01	337.00
34.0	338.00	338.99	339.98	340.97	341.97	342.96	343.95	344.95	345.94	346.93

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 1000 PPM CAL. DATE: 02/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	347.93	348.92	349.91	350.91	351.90	352.89	353.88	354.88	355.87	356.86
36.0	357.86	358.85	359.84	360.84	361.83	362.82	363.81	364.81	365.80	366.79
37.0	367.79	368.78	369.77	370.77	371.76	372.75	373.75	374.74	375.73	376.72
38.0	377.72	378.71	379.70	380.70	381.69	382.68	383.68	384.67	385.66	386.65
39.0	387.65	388.64	389.63	390.63	391.62	392.61	393.61	394.60	395.59	396.59
40.0	397.58	398.57	399.56	400.56	401.55	402.54	403.54	404.53	405.52	406.52
41.0	407.51	408.50	409.49	410.49	411.48	412.47	413.47	414.46	415.45	416.45
42.0	417.44	418.43	419.43	420.42	421.41	422.40	423.40	424.39	425.38	426.38
43.0	427.37	428.36	429.36	430.35	431.34	432.34	433.33	434.32	435.31	436.31
44.0	437.30	438.29	439.29	440.28	441.27	442.27	443.26	444.25	445.24	446.24
45.0	447.23	448.22	449.22	450.21	451.20	452.20	453.19	454.18	455.18	456.17
46.0	457.16	458.15	459.15	460.14	461.13	462.13	463.12	464.11	465.11	466.10
47.0	467.09	468.08	469.08	470.07	471.06	472.06	473.05	474.04	475.04	476.03
48.0	477.02	478.02	479.01	480.00	480.99	481.99	482.98	483.97	484.97	485.96
49.0	486.95	487.95	488.94	489.93	490.93	491.92	492.91	493.90	494.90	495.89
50.0	496.88	497.88	498.87	499.86	500.86	501.85	502.84	503.83	504.83	505.82
51.0	506.81	507.81	508.80	509.79	510.79	511.78	512.77	513.77	514.76	515.75
52.0	516.74	517.74	518.73	519.72	520.72	521.71	522.70	523.70	524.69	525.68
53.0	526.68	527.67	528.66	529.65	530.65	531.64	532.63	533.63	534.62	535.61
54.0	536.61	537.60	538.59	539.58	540.58	541.57	542.56	543.56	544.55	545.54
55.0	546.54	547.53	548.52	549.52	550.51	551.50	552.49	553.49	554.48	555.47
56.0	556.47	557.46	558.45	559.45	560.44	561.43	562.42	563.42	564.41	565.40
57.0	566.40	567.39	568.38	569.38	570.37	571.36	572.36	573.35	574.34	575.33
58.0	576.33	577.32	578.31	579.31	580.30	581.29	582.29	583.28	584.27	585.27
59.0	586.26	587.25	588.24	589.24	590.23	591.22	592.22	593.21	594.20	595.20
60.0	596.19	597.18	598.17	599.17	600.16	601.15	602.15	603.14	604.13	605.13
61.0	606.12	607.11	608.11	609.10	610.09	611.08	612.08	613.07	614.06	615.06
62.0	616.05	617.04	618.04	619.03	620.02	621.01	622.01	623.00	623.99	624.99
63.0	625.98	626.97	627.97	628.96	629.95	630.95	631.94	632.93	633.92	634.92
64.0	635.91	636.90	637.90	638.89	639.88	640.88	641.87	642.86	643.86	644.85
65.0	645.84	646.83	647.83	648.82	649.81	650.81	651.80	652.79	653.79	654.78
66.0	655.77	656.76	657.76	658.75	659.74	660.74	661.73	662.72	663.72	664.71
67.0	665.70	666.70	667.69	668.68	669.67	670.67	671.66	672.65	673.65	674.64
68.0	675.63	676.63	677.62	678.61	679.60	680.60	681.59	682.58	683.58	684.57
69.0	685.56	686.56	687.55	688.54	689.54	690.53	691.52	692.51	693.51	694.50

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DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: NOX RANGE: 0 - 1000 PPM CAL. DATE: 02/14/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	695.49	696.49	697.48	698.47	699.47	700.46	701.45	702.45	703.44	704.43
71.0	705.42	706.42	707.41	708.40	709.40	710.39	711.38	712.38	713.37	714.36
72.0	715.35	716.35	717.34	718.33	719.33	720.32	721.31	722.31	723.30	724.29
73.0	725.29	726.28	727.27	728.26	729.26	730.25	731.24	732.24	733.23	734.22
74.0	735.22	736.21	737.20	738.20	739.19	740.18	741.17	742.17	743.16	744.15
75.0	745.15	746.14	747.13	748.13	749.12	750.11	751.10	752.10	753.09	754.08
76.0	755.08	756.07	757.06	758.06	759.05	760.04	761.04	762.03	763.02	764.01
77.0	765.01	766.00	766.99	767.99	768.98	769.97	770.97	771.96	772.95	773.94
78.0	774.94	775.93	776.92	777.92	778.91	779.90	780.90	781.89	782.88	783.88
79.0	784.87	785.86	786.85	787.85	788.84	789.83	790.83	791.82	792.81	793.81
80.0	794.80	795.79	796.79	797.78	798.77	799.76	800.76	801.75	802.74	803.74
81.0	804.73	805.72	806.72	807.71	808.70	809.69	810.69	811.68	812.67	813.67
82.0	814.66	815.65	816.65	817.64	818.63	819.63	820.62	821.61	822.60	823.60
83.0	824.59	825.58	826.58	827.57	828.56	829.56	830.55	831.54	832.53	833.53
84.0	834.52	835.51	836.51	837.50	838.49	839.49	840.48	841.47	842.47	843.46
85.0	844.45	845.44	846.44	847.43	848.42	849.42	850.41	851.40	852.40	853.39
86.0	854.38	855.37	856.37	857.36	858.35	859.35	860.34	861.33	862.33	863.32
87.0	864.31	865.31	866.30	867.29	868.28	869.28	870.27	871.26	872.26	873.25
88.0	874.24	875.24	876.23	877.22	878.22	879.21	880.20	881.19	882.19	883.18
89.0	884.17	885.17	886.16	887.15	888.15	889.14	890.13	891.12	892.12	893.11
90.0	894.10	895.10	896.09	897.08	898.08	899.07	900.06	901.06	902.05	903.04
91.0	904.03	905.03	906.02	907.01	908.01	909.00	909.99	910.99	911.98	912.97
92.0	913.97	914.96	915.95	916.94	917.94	918.93	919.92	920.92	921.91	922.90
93.0	923.90	924.89	925.88	926.87	927.87	928.86	929.85	930.85	931.84	932.83
94.0	933.83	934.82	935.81	936.81	937.80	938.79	939.78	940.78	941.77	942.76
95.0	943.76	944.75	945.74	946.74	947.73	948.72	949.72	950.71	951.70	952.69
96.0	953.69	954.68	955.67	956.67	957.66	958.65	959.65	960.64	961.63	962.62
97.0	963.62	964.61	965.60	966.60	967.59	968.58	969.58	970.57	971.56	972.56
98.0	973.55	974.54	975.53	976.53	977.52	978.51	979.51	980.50	981.49	982.49
99.0	983.48	984.47	985.46	986.46	987.45	988.44	989.44	990.43	991.42	992.42

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 02/10/75

INSTRUMENT: AIA-2 TRAIN: 7-M PIC: VALENCIA

THE BEST CURVE FIT PROGRAM (IMPLEMENTED ON THE COMPUCORP MODEL 445) YIELDS COEFFICIENTS FOR THE EQUATION:

CONCENTRATION = A(0) + A(1)*DEFLECTION + A(2)*(DEFLECTION**2) + - - - - + A(4)*(DEFLECTION**4)

A(0) = 0.64174481D+01
A(1) = 0.16236572D+02
A(2) = 0.13026040D+00

CALIBRATION POINTS		CALCULATED VALUES			
DEFLECTION	CONCENTRATION	DEFLECTION	CONCENTRATION	DIFFERENCE	%ERROR
0.0	0.0	0.0	6.4		
23.0	461.0	23.0	448.8	-12.2	-2.654
46.9	1051.0	46.9	1054.4	3.4	0.327
66.8	1679.0	66.8	1672.3	-6.7	-0.401
84.5	2282.0	84.5	2308.5	26.5	1.161
96.0	2783.0	96.0	2765.6	-17.4	-0.625

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 02/10/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	6.42	8.04	9.67	11.30	12.93	14.57	16.21	17.85	19.49	21.14
1.0	22.78	24.44	26.09	27.75	29.40	31.07	32.73	34.40	36.07	37.74
2.0	39.41	41.09	42.77	44.45	46.14	47.82	49.51	51.21	52.90	54.60
3.0	56.30	58.00	59.71	61.42	63.13	64.84	66.56	68.28	70.00	71.72
4.0	73.45	75.18	76.91	78.64	80.38	82.12	83.86	85.61	87.35	89.10
5.0	90.66	92.61	94.37	96.13	97.89	99.66	101.43	103.20	104.97	106.75
6.0	108.53	110.31	112.09	113.88	115.67	117.46	119.25	121.05	122.85	124.65
7.0	126.46	128.26	130.07	131.89	133.70	135.52	137.34	139.16	140.99	142.82
8.0	144.65	146.48	148.32	150.15	152.00	153.84	155.69	157.54	159.39	161.24
9.0	163.10	164.96	166.82	168.68	170.55	172.42	174.29	176.17	178.05	179.93
10.0	181.81	183.69	185.58	187.47	189.37	191.26	193.16	195.06	196.97	198.87
11.0	200.78	202.69	204.61	206.52	208.44	210.37	212.29	214.22	216.15	218.08
12.0	220.01	221.95	223.89	225.83	227.78	229.73	231.68	233.63	235.59	237.55
13.0	239.51	241.47	243.44	245.41	247.38	249.35	251.33	253.31	255.29	257.27
14.0	259.26	261.25	263.24	265.24	267.23	269.23	271.24	273.24	275.25	277.26
15.0	279.27	281.29	283.31	285.33	287.35	289.38	291.41	293.44	295.47	297.51
16.0	299.55	301.59	303.64	305.68	307.73	309.78	311.84	313.90	315.96	318.02
17.0	320.08	322.15	324.22	326.30	328.37	330.45	332.53	334.61	336.70	338.79
18.0	340.86	342.97	345.07	347.17	349.27	351.38	353.48	355.59	357.70	359.82
19.0	361.94	364.06	366.18	368.30	370.43	372.56	374.70	376.83	378.97	381.11
20.0	383.25	385.40	387.55	389.70	391.85	394.01	396.17	398.33	400.49	402.66
21.0	404.83	407.00	409.18	411.35	413.53	415.72	417.90	420.09	422.28	424.47
22.0	426.67	428.87	431.07	433.27	435.48	437.68	439.90	442.11	444.33	446.54
23.0	448.77	450.99	453.22	455.45	457.68	459.91	462.15	464.39	466.63	468.88
24.0	471.13	473.38	475.63	477.88	480.14	482.40	484.67	486.93	489.20	491.47
25.0	493.74	496.02	498.30	500.58	502.87	505.15	507.44	509.73	512.03	514.32
26.0	516.62	518.93	521.23	523.54	525.85	528.16	530.48	532.80	535.12	537.44
27.0	539.76	542.09	544.42	546.76	549.09	551.43	553.77	556.12	558.46	560.81
28.0	563.17	565.52	567.88	570.24	572.60	574.96	577.33	579.70	582.07	584.45
29.0	586.83	589.21	591.59	593.98	596.36	598.76	601.15	603.55	605.94	608.35
30.0	610.75	613.16	615.56	617.98	620.39	622.81	625.23	627.65	630.07	632.50
31.0	634.93	637.36	639.80	642.24	644.68	647.12	649.57	652.01	654.47	656.92
32.0	659.37	661.83	664.29	666.76	669.22	671.69	674.17	676.64	679.12	681.60
33.0	684.08	686.56	689.05	691.54	694.03	696.53	699.03	701.53	704.03	706.53
34.0	709.04	711.55	714.07	716.58	719.10	721.62	724.15	726.67	729.20	731.73

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 02/10/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
35.0	734.27	736.80	739.34	741.88	744.43	746.98	749.53	752.08	754.63	757.19
36.0	759.75	762.31	764.88	767.45	770.02	772.59	775.17	777.75	780.33	782.91
37.0	785.50	788.09	790.68	793.27	795.87	798.47	801.07	803.67	806.28	808.89
38.0	811.50	814.12	816.74	819.36	821.98	824.60	827.23	829.86	832.50	835.13
39.0	837.77	840.41	843.05	845.70	848.35	851.00	853.66	856.31	858.97	861.63
40.0	864.30	866.96	869.63	872.31	874.98	877.66	880.34	883.02	885.71	888.39
41.0	891.08	893.78	896.47	899.17	901.87	904.58	907.28	909.99	912.70	915.42
42.0	918.13	920.85	923.57	926.30	929.03	931.75	934.49	937.22	939.96	942.70
43.0	945.44	948.19	950.93	953.69	956.44	959.19	961.95	964.71	967.48	970.24
44.0	973.01	975.78	978.56	981.33	984.11	986.89	989.68	992.46	995.25	998.05
45.0	1000.84	1003.64	1006.44	1009.24	1012.05	1014.85	1017.66	1020.48	1023.29	1026.11
46.0	1028.93	1031.75	1034.58	1037.41	1040.24	1043.07	1045.91	1048.75	1051.59	1054.44
47.0	1057.28	1060.13	1062.98	1065.84	1068.70	1071.55	1074.42	1077.28	1080.15	1083.02
48.0	1085.89	1088.77	1091.65	1094.53	1097.41	1100.30	1103.18	1106.08	1108.97	1111.87
49.0	1114.76	1117.67	1120.57	1123.48	1126.39	1129.30	1132.21	1135.13	1138.05	1140.97
50.0	1143.90	1146.82	1149.75	1152.69	1155.62	1158.56	1161.50	1164.44	1167.39	1170.34
51.0	1173.29	1176.24	1179.20	1182.16	1185.12	1188.08	1191.05	1194.02	1196.99	1199.97
52.0	1202.94	1205.92	1208.91	1211.89	1214.88	1217.87	1220.86	1223.86	1226.85	1229.85
53.0	1232.86	1235.86	1238.87	1241.88	1244.90	1247.91	1250.93	1253.95	1256.98	1260.00
54.0	1263.03	1266.06	1269.10	1272.14	1275.17	1278.22	1281.26	1284.31	1287.36	1290.41
55.0	1293.47	1296.52	1299.59	1302.65	1305.71	1308.78	1311.85	1314.93	1318.00	1321.08
56.0	1324.16	1327.25	1330.33	1333.42	1336.51	1339.61	1342.70	1345.80	1348.91	1352.01
57.0	1355.12	1358.23	1361.34	1364.46	1367.57	1370.69	1373.82	1376.94	1380.07	1383.20
58.0	1386.33	1389.47	1392.61	1395.75	1398.89	1402.04	1405.19	1408.34	1411.50	1414.65
59.0	1417.81	1420.97	1424.14	1427.31	1430.48	1433.65	1436.82	1440.00	1443.18	1446.36
60.0	1449.55	1452.74	1455.93	1459.12	1462.32	1465.52	1468.72	1471.92	1475.13	1478.34
61.0	1481.55	1484.76	1487.98	1491.20	1494.42	1497.64	1500.87	1504.10	1507.33	1510.57
62.0	1513.81	1517.05	1520.29	1523.53	1526.78	1530.03	1533.29	1536.54	1539.80	1543.06
63.0	1546.33	1549.59	1552.86	1556.13	1559.41	1562.68	1565.96	1569.24	1572.53	1575.82
64.0	1579.10	1582.40	1585.69	1588.99	1592.29	1595.59	1598.90	1602.21	1605.52	1608.83
65.0	1612.15	1615.46	1618.78	1622.11	1625.43	1628.76	1632.09	1635.43	1638.76	1642.10
66.0	1645.45	1648.79	1652.14	1655.49	1658.84	1662.19	1665.55	1668.91	1672.27	1675.64
67.0	1679.01	1682.38	1685.75	1689.13	1692.50	1695.89	1699.27	1702.66	1706.04	1709.44
68.0	1712.83	1716.23	1719.62	1723.03	1726.43	1729.84	1733.25	1736.66	1740.07	1743.49
69.0	1746.91	1750.33	1753.76	1757.19	1760.62	1764.05	1767.49	1770.92	1774.36	1777.81

DEFLECTION TO CONCENTRATION CONVERSION TABLE

LOCATION: ANAHEIM POLLUTANT: CO RANGE: 0 - 3000 PPM CAL. DATE: 02/10/75

DEFLECTION	CONCENTRATION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
70.0	1781.25	1784.70	1788.15	1791.61	1795.06	1798.52	1801.98	1805.45	1808.92	1812.39
71.0	1815.86	1819.33	1822.81	1826.29	1829.77	1833.26	1836.74	1840.23	1843.73	1847.22
72.0	1850.72	1854.22	1857.73	1861.23	1864.74	1868.25	1871.76	1875.28	1878.80	1882.32
73.0	1885.85	1889.37	1892.90	1896.43	1899.97	1903.51	1907.04	1910.59	1914.13	1917.68
74.0	1921.23	1924.78	1928.34	1931.90	1935.46	1939.02	1942.59	1946.15	1949.73	1953.30
75.0	1956.88	1960.45	1964.04	1967.62	1971.21	1974.80	1978.39	1981.98	1985.58	1989.18
76.0	1992.78	1996.39	1999.99	2003.60	2007.22	2010.83	2014.45	2018.07	2021.69	2025.32
77.0	2028.95	2032.58	2036.21	2039.85	2043.49	2047.13	2050.77	2054.42	2058.07	2061.72
78.0	2065.37	2069.03	2072.69	2076.35	2080.02	2083.69	2087.36	2091.03	2094.70	2098.38
79.0	2102.06	2105.75	2109.43	2113.12	2116.81	2120.50	2124.20	2127.90	2131.60	2135.30
80.0	2139.01	2142.72	2146.43	2150.15	2153.86	2157.58	2161.30	2165.03	2168.76	2172.49
81.0	2176.22	2179.95	2183.69	2187.43	2191.18	2194.92	2198.67	2202.42	2206.17	2209.93
82.0	2213.69	2217.45	2221.21	2224.98	2228.75	2232.52	2236.29	2240.07	2243.85	2247.63
83.0	2251.42	2255.20	2258.99	2262.79	2266.58	2270.38	2274.18	2277.98	2281.79	2285.60
84.0	2289.41	2293.22	2297.04	2300.86	2304.68	2308.50	2312.33	2316.16	2319.99	2323.82
85.0	2327.66	2331.50	2335.34	2339.18	2343.03	2346.88	2350.73	2354.59	2358.45	2362.31
86.0	2366.17	2370.03	2373.90	2377.77	2381.65	2385.52	2389.40	2393.28	2397.17	2401.05
87.0	2404.94	2408.83	2412.73	2416.62	2420.52	2424.42	2428.33	2432.24	2436.15	2440.06
88.0	2443.97	2447.89	2451.81	2455.73	2459.66	2463.59	2467.52	2471.45	2475.39	2479.32
89.0	2483.27	2487.21	2491.16	2495.10	2499.06	2503.01	2506.97	2510.93	2514.89	2518.85
90.0	2522.82	2526.79	2530.76	2534.74	2538.71	2542.69	2546.68	2550.66	2554.65	2558.64
91.0	2562.63	2566.63	2570.63	2574.63	2578.63	2582.64	2586.65	2590.66	2594.67	2598.69
92.0	2602.71	2606.73	2610.75	2614.78	2618.81	2622.84	2626.88	2630.91	2634.95	2639.00
93.0	2643.04	2647.09	2651.14	2655.19	2659.25	2663.31	2667.37	2671.43	2675.50	2679.57
94.0	2683.64	2687.71	2691.79	2695.87	2699.95	2704.03	2708.12	2712.21	2716.30	2720.40
95.0	2724.49	2728.59	2732.70	2736.80	2740.91	2745.02	2749.13	2753.25	2757.36	2761.49
96.0	2765.61	2769.74	2773.86	2777.99	2782.13	2786.26	2790.40	2794.55	2798.69	2802.84
97.0	2806.99	2811.14	2815.29	2819.45	2823.61	2827.77	2831.94	2836.10	2840.27	2844.45
98.0	2848.62	2852.80	2856.98	2861.17	2865.35	2869.54	2873.73	2877.92	2882.12	2886.32
99.0	2890.52	2894.73	2898.93	2903.14	2907.35	2911.57	2915.78	2920.00	2924.23	2928.45

1913

APPENDIX D

CVS CALIBRATION CURVE

CVS CALIBRATION

FACILITY: ANAHEIM
FRAME NO: 408-14

DATE: 28 August 74

PURPOSE: CALIBRATION OF CVS IN PREPARATION FOR EPA, "FTP/SHORT CYCLE CORRELATION TESTING FOR 207(b) IMPLEMENTATION - CATALYST EQUIPPED VEHICLES"

I.E.E. SERIAL NO: G-24901

SUMMARY OF INFORMATION INCLUDED:

1. No. OF DATA POINTS ..... 10 (ΔP)
2. LEAST SQUARES CALCULATION ..... (Y) N
3. LEAST SQUARES GRAPH ..... (Y) N
4. PROPANE SHOT ..... (Y) N
   a) RESULTS ..... (1) minus .3% (2) minus 1.3%
5. DATA ENTERED INTO COMPUTER ..... (Y) N
6. REMARKS: Propane injected through flow meter into inlet of CVS. Mettler balance used for wrighing propane; propane injection results attached.

LEAST SQUARES

	ΔP	V_6
1	42.2	.2878
2	44.1	.2866
3	46.2	.2861
4	47.1	.2834
5	51.1	.2828
6	53.1	.2819
7	55.4	.2802
8	57.7	.2777
9	59.3	.2774
10	61.8	.2764

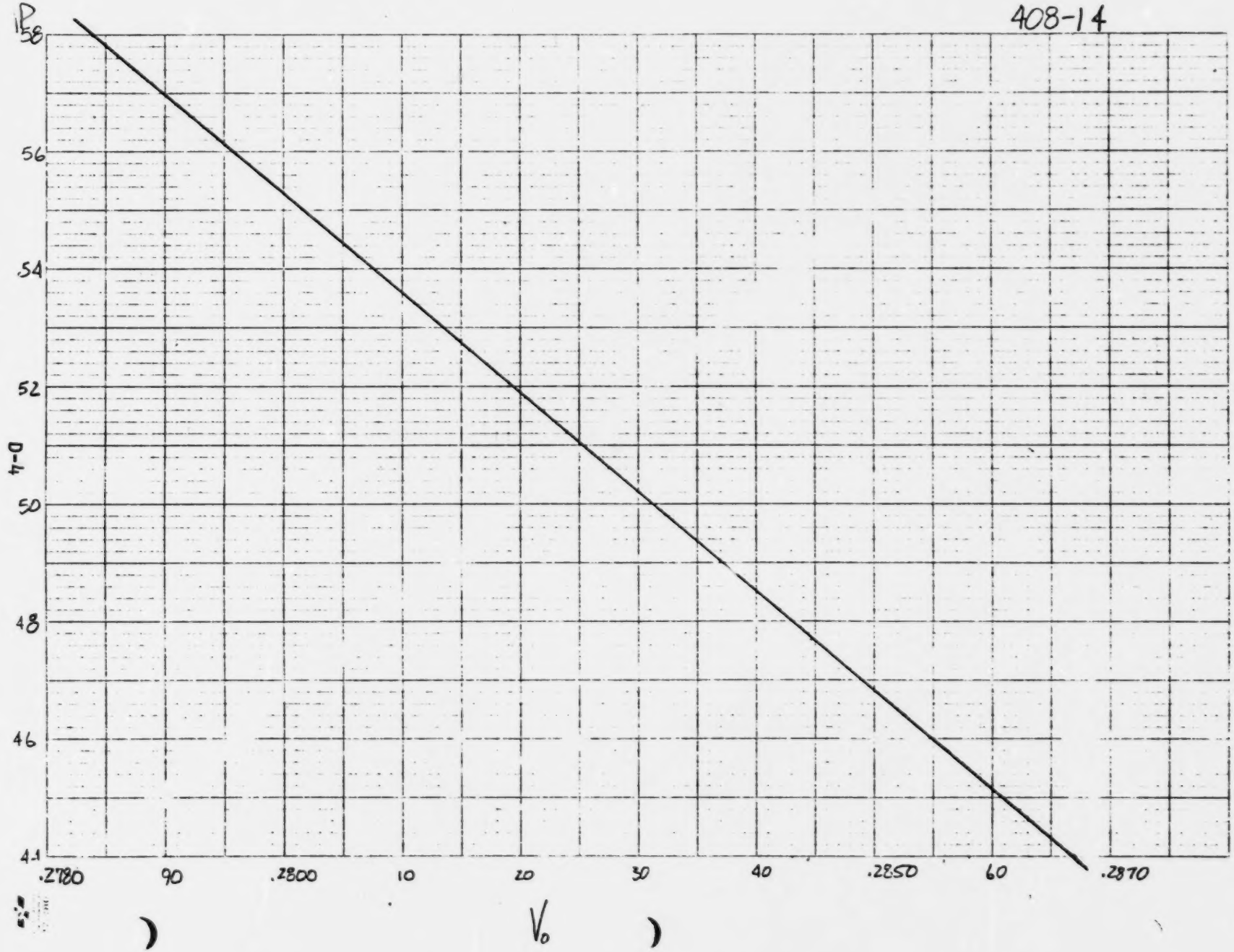
slope: -0.000592751

intercept: 0.312734509

$V_6 = 0.312734509 - 0.000592751(\Delta P)$

(44.0, .2867)

(58.0, .2784)


408-14
P_{58}
58
56
54
52
50
48
46
44
D-4
.2780
90
.2800
10
20
30
40
.2850
60
.2870
V_0

(1)

PROPANE INJECTION TEST

Date: 28 AUGUST 74 CVS Frame # 408-14 PIP REP/AM

Train # A Dept. # 352 Time 3:05 AM (PM)

I. Calculation of V_{mix} (Total Volume of Mixture)

A. P_B = Barom. Pres. = 29.79 In. Hg x 25.4 = 756.666 mm Hg

B. P_I = Pump Inlet Dpr = 40.2 In. H_2O x 1.868 = 75.093 mm Hg

C. P_p = Pump Inlet Pres. = $P_B - P_I$ = 681.573 mm Hg

D. P_O = Pump Outlet Pres. = 6.1 In. H_2O ΔP = 46.3 In. H_2O

E. T_p = Pump Inlet Temp. = 110 °F + 460°F = 570 °R

F. $P_p \div T_p$ = 1.1957

G. N = Pump Revs = 9633 Time = _____ min; RPM = _____

H. V_O = Pump Vol. per Rev = .2853 ft 3/rev

I. $V_{mix} = \frac{P_p}{T_p} \times N \times V_O \times .69474$ = 2283.0102 ft^3

II. A. Weight Exp. B. Bag Analysis

Cylinder (gms)		Bag	Deflection	Range	Concentration (ppm)
Before =	998.74	Sample	86.0	300	258.0
After =	988.93	Bkgd	3.5	300	10.5
Δ =	9.81			Conc =	247.5

III. Mass Calculation (Mass = $V_{mix} \times 17.3 \times Conc \times 10^{-6}$)

Mass = 9.78 gms

Error = $\frac{\Delta\text{-Mass}}{\Delta} \times 100$ = 0.3 % (H) (L)

COMMENTS: _____

QC Use
Approved ✓
Rejected
By

(2)

PROPANE INJECTION TEST

Date: 28 Aug 74 CVS Frame # 408-14 PIP RP/AM

Train # A Dept. # 352 Time 3:40 AM (PM)

I. Calculation of V_{mix} (Total Volume of Mixture)

A. P_B = Barom. Pres. = 29.78 In. Hg x 25.4 = 756.412 mm Hg

B. P_I = Pump Inlet Dpr = 40.3 In. H_2O x 1.868 = 75.2804 mm Hg

C. P_p = Pump Inlet Pres. = $P_B - P_I$ = 681.1316 mm Hg

D. P_O = Pump Outlet Pres. = 6.4 In. H_2O ΔP = 46.7 In. H_2O

E. T_p = Pump Inlet Temp. = 110 °F + 460°F = 570 °R

F. $P_p \div T_p$ = 1.1949

G. N = Pump Revs = 9637 Time = _____ min; RPM = _____

H. V_O = Pump Vol. per Rev = .2852 ft 3/rev

I. $V_{mix} = \frac{P_p}{T_p} \times N \times V_O \times .69474$ = 2281.63 ft^3

II. A. Weight Exp. B. Bag Analysis

Cylinder (gms)	Bag	Deflection	Range	Concentration (ppm)
Before = 973.45	Sample	79.9	300	240.7
After = 964.17	Bkgd	3.0	300	9.0
Δ = 9.28			Conc =	231.7

III. Mass Calculation (Mass = $V_{mix} \times 17.3 \times Conc \times 10^{-6}$)

Mass = 9.14 gms

Error = $\frac{\Delta\text{-Mass}}{\Delta} \times 100$ = 1.3% (H) L

COMMENTS: _____

QC Use
Approved ✓
Rejected
By RP

CVS CALIBRATION CALCULATION SHEET

DATA:

Ambient	LFE	CVS Pump
Tamb. ——— °F	ΔP 6.96 "H_2O	Tinlp 76.5 °F
Pb 29.84 "Hg	Tinl 76.5 °F	Toutp ——— °F
	Pinl 1.02 "H_2O	Pinlp 33.6 "H_2O
LFE Serial No. G-24901		Poutp 8.6 "H_2O
Constants A ———		Counts 5509
B ———		Time 4.0 Min
		ΔP 42.2 "H_2O

FORMULAE:

$$AF = (\underset{\text{LFE A}}{\_\_\_} - \underset{\text{LFE B}}{\_\_\_} \times \underset{\Delta P}{\_\_\_}) \div \underset{\Delta P}{\_\_\_} = 366.5$$

$$Pcf = (\underset{Pb}{\_\_\_} - .0736 \times \underset{Pinl}{\_\_\_}) / 29.92 = .99482$$

$$Q = AF \times Pcf \times Tcf$$

$$Q = \_\_\_ \times \_\_\_ \times .9786 = 356.7981$$

$$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \times \frac{760}{Pp}$$

$$Vo = \frac{\_\_\_}{1377.25} \times \frac{536.5}{528} \times 760$$

$$Vo = \_\_\_ \times \_\_\_ \times \_\_\_ = .2878$$

TEST SITE ANAHEIM

DATE 28 Aug 74

CVS SERIAL NO 408-14

P.I.C. REP/AM

CVS CALIBRATION CALCULATION SHEET

DATA:

Ambient	LFE	CVS Pump
Tamb. — °F	ΔP 6.89 "H_2O	Tinlp 76.5 °F
Pb 29.83 "Hg	Tinl 76.5 °F	Toutp — °F
	Pinl 1.01 "H_2O	Pinlp 35.6 "H_2O
LFE Serial No. _____		Poutp 8.5 "H_2O
Constants A _____		Counts 5508
B _____		Time 4.0 Min
		ΔP 44.1 "H_2O

FORMULAE:

$$AF = (\underset{\text{LFE A}}{\_\_\_\_} - \underset{\text{LFE B}}{\_\_\_\_} \times \underset{\Delta P}{\_\_\_\_}) \div \underset{\Delta P}{\_\_\_\_} = 363$$

$$Pcf = (\underset{Pb}{\_\_\_\_} - .0736 \times \underset{Pinl}{\_\_\_\_}) / 29.92 = .99451$$

$$Q = AF \times Pcf \times Tcf$$

$$Q = \_\_\_\_ \times \_\_\_\_ \times .9786 = 353.2807$$

$$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \times \frac{760}{Pp}$$

$$Vo = \frac{\_\_\_\_}{1377} \times \frac{536.5}{528} \times 760$$

$$Vo = \_\_\_\_ \times \_\_\_\_ \times \_\_\_\_ = .2866$$

TEST SITE _____

DATE _____

CVS SERIAL NO _____

P.I.C. _____

CVS CALIBRATION CALCULATION SHEET

DATA:

Ambient	LFE	CVS Pump
Tamb. ~ °F	ΔP 6.83 "H_2O	Tinlp 77 °F
Pb 29.83 "Hg	Tinl 77 °F	Toutp ~ °F
	Pinl 1.01 "H_2O	Pinlp 37.8 "H_2O
LFE Serial No.		Poutp 8.4 "H_2O
Constants A		Counts 5502
B		Time 4.0 Min
		ΔP 46.2 "H_2O

FORMULAE:

$$AF = (\underset{\text{LFE A}}{\quad} - \underset{\text{LFE B}}{\quad} \times \underset{\Delta P}{\quad}) \Big/ \underset{\Delta P}{\quad} = 360$$

$$Pcf = (\underset{Pb}{\quad} - .0736 \times \underset{Pinl}{\quad}) / 29.92 = .99451$$

$$Q = AF \times Pcf \times Tcf$$

$$Q = \quad \times \quad \times .9770 = 349.7882$$

$$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \quad \frac{760}{Pp}$$

$$Vo = \frac{\quad}{1375.5} \times \frac{537}{528} \times 760$$

$$Vo = \quad \times \quad \times \quad = .2861$$

TEST SITE _____

DATE _____

CVS SERIAL NO _____

P.I.C. _____

CVS CALIBRATION CALCULATION SHEET

DATA:

Ambient	LFE	CVS Pump
Tamb. ~ °F	ΔP 6.076 "H_2O	Tinlp 77.5 °F
Pb 29.83 "Hg	Tinl 78 °F	Toutp ~ °F
	Pinl 1.00 "H_2O	Pinlp 38.8 "H_2O
LFE Serial No. _____		Poutp 8.3 "H_2O
Constants A _____		Counts 5501
B _____		Time 4.0 Min.
		ΔP 47.1 "H_2O

FORMULAE:

$$AF = (\underset{\text{LFE A}}{\_\_\_\_} - \underset{\text{LFE B}}{\_\_\_\_} \times \underset{\Delta P}{\_\_\_\_}) \Big/ \underset{\Delta P}{\_\_\_\_} = 356.5$$

$$Pcf = (\underset{Pb}{\_\_\_\_} - .0736 \times \underset{Pinl}{\_\_\_\_}) / 29.92 = .99453$$

$$Q = AF \times Pcf \times Tcf$$

$$Q = \_\_\_\_ \times \_\_\_\_ \times .9737 = 345.226$$

$$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \quad \frac{760}{Pp}$$

$$Vo = \frac{\_\_\_\_}{1375.25} \times \frac{537.5}{528} \times 760$$

$$Vo = \_\_\_\_ \times \_\_\_\_ \times \_\_\_\_ = .2834$$

TEST SITE _____

DATE _____

CVS SERIAL NO _____

P.I.C. _____

5

CVS CALIBRATION CALCULATION SHEET

DATA:

Ambient	LFE	CVS Pump
Tamb. ~ °F	ΔP 6.62 "H_2O	Tinlp 78 °F
Pb 29.83 "Hg	Tinl 78 °F	Toutp ~ °F
	Pinl .99 "H_2O	Pinlp 43.0 "H_2O
LFE Serial No.		Poutp 8.1 "H_2O
Constants A		Counts 5465
B		Time 4.0 Min.
		ΔP 51.1 "H_2O

FORMULAE:

$$AF = \frac{(\text{LFE A} - \text{LFE B} \times \Delta P)}{\Delta P} = 349$$

$$Pcf = (Pb - .0736 \times Pinl)/29.92 = \_\_\_\_$$

$$Q = AF \times Pcf \times Tcf$$

$$Q = \_\_\_\_ \times \_\_\_\_ \times .9737 = \_\_\_\_$$

$$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \times \frac{760}{Pp}$$

$$Vo = \frac{\_\_\_\_}{1366.25} \times \frac{538}{528} \times 760$$

$$Vo = \_\_\_\_ \times \_\_\_\_ \times \_\_\_\_ = .2828$$

TEST SITE ____

DATE ____

CVS SERIAL NO ____

P.I.C. ____

CVS CALIBRATION CALCULATION SHEET

6

DATA:

Ambient	LFE	CVS Pump
Tamb. ~ °F	ΔP 6.56 "H_2O	Tinlp 77.5 °F
Pb 29.83 "Hg	Tinl 78 °F	Toutp ~ °F
	Pinl .99 "H_2O	Pinlp 45.1 "H_2O
LFE Serial No.		Poutp 8.0 "H_2O
Constants A		Counts 5463
B		Time 4.0 Min.
		ΔP 53.1 "H_2O

FORMULAE:

$$AF = \frac{(\text{LFE A} - \text{LFE B} \times \Delta P)}{\Delta P} = 346$$

$$Pcf = (Pb - .0736 \times Pinl)/29.92 = \_\_\_\_$$

$$Q = AF \times Pcf \times Tcf$$

$$Q = \_\_\_\_ \times \_\_\_\_ \times .9737 = \_\_\_\_$$

$$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \times \frac{760}{Pp}$$

$$Vo = \frac{\_\_\_\_}{1365.75} \times \frac{537.5}{528} \times 760$$

$$Vo = \_\_\_\_ \times \_\_\_\_ \times \_\_\_\_ = .2819$$

TEST SITE ____

DATE ____

CVS SERIAL NO ____

P.I.C. ____

CVS CALIBRATION CALCULATION SHEET

7

DATA:

Ambient	LFE	CVS Pump
Tamb. — °F	ΔP 6.46 "H_2O	Tinlp 77.5 °F
Pb 29.83 "Hg	Tinl 78 °F	Toutp ✓ °F
	Pinl .98 "H_2O	Pinlp 47.5 "H_2O
LFE Serial No. _____		Poutp 7.9 "H_2O
Constants A _____		Counts 5453
B _____		Time 4.0 Min.
		ΔP 55.4 "H_2O

FORMULAE:

$$AF = (\underset{\text{LFE A}}{\_\_\_\_} - \underset{\text{LFE B}}{\_\_\_\_} \times \underset{\Delta P}{\_\_\_\_}) \div \underset{\Delta P}{\_\_\_\_} = 341$$

$$Pcf = (\underset{Pb}{\_\_\_\_} - .0736 \times \underset{Pinl}{\_\_\_\_}) / 29.92 = \_\_\_\_$$

$$Q = AF \times Pcf \times Tcf$$

$$Q = \_\_\_\_ \times \_\_\_\_ \times .9737 = \_\_\_\_$$

$$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \quad \frac{760}{Pp}$$

$$Vo = \frac{\_\_\_\_}{1363.25} \times \frac{537.5}{528} \times 760$$

$$Vo = \_\_\_\_ \times \_\_\_\_ \times \_\_\_\_ = .2802$$

TEST SITE _____

DATE _____

CVS SERIAL NO _____

P.I.C. _____

8

CVS CALIBRATION CALCULATION SHEET

DATA:

Ambient	LFE	CVS Pump
Tamb. ~ °F	ΔP 6.38 "H_2O	Tinlp 78 °F
Pb 29.83 "Hg	Tinl 78.5 °F	Toutp ~ °F
	Pinl .98 "H_2O	Pinlp 49.9 "H_2O
LFE Serial No. ____		Poutp 78 "H_2O
Constants A ____		Counts 5470
B ____		Time 4.0 Min.
		ΔP 57.7 "H_2O

FORMULAE:

$$AF = (\underset{\text{LFE A}}{\_\_\_\_} - \underset{\text{LFE B}}{\_\_\_\_} \times \underset{\Delta P}{\_\_\_\_}) \div \underset{\Delta P}{\_\_\_\_} = 337$$

$$Pcf = (\underset{Pb}{\_\_\_\_} - .0736 \times \underset{Pinl}{\_\_\_\_}) / 29.92 = \_\_\_\_$$

$$Q = AF \times Pcf \times Tcf$$

$$Q = \_\_\_\_ \times \_\_\_\_ \times .9721 = \_\_\_\_$$

$$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \times \frac{760}{Pp}$$

$$Vo = \frac{\_\_\_\_}{1367.5} \times \frac{538}{528} \times 760$$

$$Vo = \_\_\_\_ \times \_\_\_\_ \times \_\_\_\_ = .2777$$

TEST SITE ____

DATE ____

CVS SERIAL NO ____

P.I.C. ____

CVS CALIBRATION CALCULATION SHEET

DATA:

Ambient	LFE	CVS Pump
Tamb. ____ °F	ΔP 6.32 "H_2O	Tinlp 77.5 °F
Pb 29.82 "Hg	Tinl 78 °F	Toutp ____ °F
	Pinl .96 "H_2O	Pinlp 51.6 "H_2O
LFE Serial No. ____		Poutp 7.7 "H_2O
Constants A ____		Counts 5458
B ____		Time 4.0 Min
		ΔP 59.3 "H_2O

FORMULAE:

AF = (LFE A - LFE B × ΔP) / ΔP = 334

Pcf = (Pb - .0736 × Pinl)/29.92 = ____

Q = AF x Pcf X Tcf

Q = ____ x ____ x .9737 = ____

$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \times \frac{760}{Pp}$

$Vo = \frac{\quad}{1364.5} \times \frac{537.5}{528} \times 760$

Vo = ____ x ____ x ____ = .2774

TEST SITE ____

DATE ____

CVS SERIAL NO ____

P.I.C. ____

10

CVS CALIBRATION CALCULATION SHEET

DATA:

Ambient	LFE	CVS Pump
Tamb. — °F	ΔP 6.24 "H_2O	Tinlp 78 °F
Pb 29.82 "Hg	Tinl 78 °F	Toutp — °F
	Pinl .96 "H_2O	Pinlp 54.2 "H_2O
LFE Serial No. _____		Poutp 7.6 "H_2O
Constants A _____		Counts 5457
B _____		Time 4.0 Min.
		ΔP 61.8 "H_2O

FORMULAE:

$$AF = (\underset{\text{LFE A}}{\_\_\_\_} - \underset{\text{LFE B}}{\_\_\_\_} \times \underset{\Delta P}{\_\_\_\_}) \frac{}{\Delta P} = 330$$

$$Pcf = (\underset{Pb}{\_\_\_\_} - .0736 \times \underset{Pinl}{\_\_\_\_})/29.92 = \_\_\_\_$$

$$Q = AF \times Pcf \times Tcf$$

$$Q = \_\_\_\_ \times \_\_\_\_ \times .9737 = \_\_\_\_$$

$$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \times \frac{760}{Pp}$$

$$Vo = \frac{\_\_\_\_}{1364.25} \times \frac{538}{528} \times 760$$

$$Vo = \_\_\_\_ \times \_\_\_\_ \times \_\_\_\_ = .2764$$

TEST SITE _____

DATE _____

CVS SERIAL NO _____

P.I.C. _____

CVS CALIBRATION SPEED #4 8/28/74 408-14 ANAHEIM

INTERCEPT = 0.312734 SLOPE = -0.000593

DELTA P	VOLUME/REVOLUTION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
40.0	0.2890	0.2890	0.2889	0.2888	0.2888	0.2887	0.2887	0.2886	0.2885	0.2885
41.0	0.2884	0.2884	0.2883	0.2883	0.2882	0.2881	0.2881	0.2880	0.2880	0.2879
42.0	0.2878	0.2878	0.2877	0.2877	0.2876	0.2875	0.2875	0.2874	0.2874	0.2873
43.0	0.2872	0.2872	0.2871	0.2871	0.2870	0.2869	0.2869	0.2868	0.2869	0.2867
44.0	0.2867	0.2866	0.2865	0.2865	0.2864	0.2864	0.2863	0.2862	0.2862	0.2861
45.0	0.2861	0.2860	0.2859	0.2859	0.2858	0.2858	0.2857	0.2856	0.2856	0.2855
46.0	0.2855	0.2854	0.2853	0.2853	0.2852	0.2852	0.2851	0.2851	0.2850	0.2849
47.0	0.2849	0.2848	0.2848	0.2847	0.2846	0.2846	0.2845	0.2845	0.2844	0.2843
48.0	0.2843	0.2842	0.2842	0.2841	0.2840	0 2840	0.2839	0.2839	0.2838	0.2837
49.0	0.2837	0.2836	0.2836	0.2835	0.2835	0.2834	0.2833	0.2833	0.2832	0.2832
50.0	0.2831	0.2830	0.2830	0.2829	0.2829	0.2828	0.2827	0.2827	0.2826	0.2826
51.0	0.2825	0.2824	0.2824	0.2823	0.2823	0.2822	0.2821	0.2821	0.2820	0.2820
52.0	0.2819	0.2819	0.2818	0.2817	0.2817	0.2816	0.2816	0.2815	0.2814	0.2814
53.0	0.2813	0.2813	0.2812	0.2811	0.2811	0.2810	0.2810	C.2809	0.2808	0.2808
54.0	0.2807	0.2807	0.2806	0.2805	0.2805	0.2804	0.2804	0.2803	0.2803	0.2802
55.0	0.2801	0.2801	0.2800	0.2800	0.2799	0.2798	0.2798	0.2797	0.2797	0.2796
56.0	0.2795	0.2795	0.2794	0.2794	0.2793	0.2792	0.2792	0.2791	0.2791	0.2790
57.0	0.2789	0.2789	0.2788	0.2788	0.2787	0.2787	0.2786	0.2785	0.2785	0.2784
58.0	0.2784	0.2783	0.2782	0.2782	0.2781	0.2781	0.2780	0.2779	0.2779	0.2778
59.0	0.2778	0.2777	0.2776	0.2776	0.2775	0.2775	0.2774	0.2773	0.2773	0.2772
60.0	0.2772	0.2771	0.2771	0.2770	0.2769	0.2769	0.2768	0.2768	0.2767	0.2766
61.0	0.2766	0.2765	0.2765	0.2764	0.2763	0.2763	0.2762	0.2762	0.2761	0.2760
62.0	0.2760	0.2759	0.2759	0.2758	0.2757	0.2757	0.2756	0.2756	0.2755	0.2755
63.0	0.2754	0.2753	0.2753	0.2752	0.2752	0.2751	0.2750	0.2750	0.2749	0.2749

CVS CALIBRATION

FACILITY: ANAHEIM DATE: 12 FEB 75

CVS FRAME NO: 408-14 PIC: R. Rekington

LFE SERIAL NO: E-5209ZR1

PURPOSE: REQUIRED PERIODIC CALIBRATION - FOLLOWING, DROP IN V_0, BUTTERFLY AND INLET/RETURN TO HEAT EXCHANGER STEAM CLEANED

SUMMARY OF INFORMATION:

1. NUMBER OF DATA POINTS ..... 12 (ΔP)
2. LEAST SQUARES CALCULATION ..... (Y) N
3. LEAST SQUARES GRAPH ..... (Y) N
4. PROPANE SHOT ..... (Y) N
   a) RESULTS (1) minus 0.61% (2) minus 0.93% (3) plus 0.31%
5. DATA ENTERED FOR COMPUTER ANALYSIS ..... (Y) N

6. REMARKS: PROPANE INJECTED THROUGH ROTAMETER INTO CVS INLET. HEATED BALANCE FOR WEIGHING PROPANE; PROPANE RESULTS ATTACHED

SIGNATURE OF ACCEPTANCE: R. Rekington / [illegible]

FORM 12-75

	ΔP	V_o
1.	40.9	.2732
2.	43.3	.2707
3.	46.8	.2711
4.	47.9	.2693
5.	49.9	.2699
6.	51.7	.2679
7.	53.6	.2669
8.	56.0	.2660
9.	58.7	.2629
10.	60.1	.2637
11.	61.8	.2619
12.	64.0	.2608

slope: $-.000529206$
intercept: 0.295015626

$V_o = 0.295015626 - 0.000529206(\Delta P)$

$(40.0, .2738), (55.0, .2659), (66.0, .2601)$

Vo
D20

(1)

PROPANE INJECTION TEST

Date:_____ CVS Frame #_____ PIP_____

Train #_____ Dept. #_____ Time_____ AM PM

I. Calculation of V_{mix} (Total Volume of Mixture)

A. P_B = Barom. Pres. = 30.08 In. Hg x 25.4 = 764.032 mm Hg

B. P_I = Pump Inlet Dpr = 42.1 In. H_2O x 1.868 = 78.6428 mm Hg

C. P_p = Pump Inlet Pres. = $P_B - P_I$ = 685.3892 mm Hg

D. P_O = Pump Outlet Pres. = 6.6 In. H_2O ΔP = 48.7 In. H_2O

E. T_p = Pump Inlet Temp. = 110 °F + 460°F = 570 °R

F. $P_p \div T_p$ = 1.2024

G. N = Pump Revs = 20658 Time = 15 min; RPM = 1377.2

H. V_O = Pump Vol. per Rev = .2689 ft 3/rev

I. $V_{mix} = \frac{P_p}{T_p} \times N \times V_O \times .69474 =$ 1640.3457 ft^3

II. A. Weight Exp.

Cylinder (gms)

Before = 977.23

After = 962.57

Δ = 14.66

B. Bag Analysis

Bag	Deflection	Range	Concentration (ppm)
Sample	64.	300	191.50
Bkgd	3.5	300	9.96
		Conc =	181.54

III. Mass Calculation (Mass = $V_{mix} \times 17.3 \times$ Conc $\times 10^{-6}$)

Mass = 14.57 gms

Error = $\frac{\Delta\text{-Mass}}{\Delta} \times 100 =$ 0.61 % (H) (L)

COMMENTS:_____

QC Use
Approved_____
Rejected_____
By_____

(2)

PROPANE INJECTION TEST

Date:_____ CVS Frame #_____ PIP_____

Train #_____ Dept. #_____ Time_____ AM PM

I. Calculation of V_{mix} (Total Volume of Mixture)

A. P_B = Barom. Pres. = 30.08 In. Hg x 25.4 = 764.032 mm Hg

B. P_I = Pump Inlet Dpr = 42.5 In. H_2O x 1.868 = 79.3900 mm Hg

C. P_p = Pump Inlet Pres. = $P_B - P_I$ = 689.6420 mm Hg

D. P_O = Pump Outlet Pres. = 6.5 In. H_2O ΔP 49.0 In. H_2O

E. T_p = Pump Inlet Temp. = 110 °F + 460°F = 570 °R

F. $P_p \div T_p$ = 1.2011

G. N = Pump Revs = 20657 Time = 15 min; RPM = 1377

H. V_O = Pump Vol. per Rev = .2691 ft 3/rev

I. $V_{mix} = \frac{P_p}{T_p} \times N \times V_O \times .69474$ = ~~4637.1965~~ 4638.5517 ft^3

II. A. Weight Exp. B. Bag Analysis

Cylinder (gms)	Bag	Deflection	Range	Concentration (ppm)
Before = 990.09	Sample	56.3	300	168.44
After = 977.21	Bkgd	3.4	300	9.66
Δ = 12.83			Conc =	158.78

III. Mass Calculation (Mass = $V_{mix} \times 17.3 \times Conc \times 10^{-6}$)

Mass = 12.71 gms

Error = $\frac{\Delta\text{-Mass}}{\Delta} \times 100$ = 0.93 / 0.77% H (L)

COMMENTS:_____

QC Use
Approved_____
Rejected_____
By_____

(3)

PROPANE INJECTION TEST

Date: 2-13-75 CVS Frame # 408-14 PIP Malibu

Train # B Dept. # 37 Time 2:40 (AM) PM

I. Calculation of V_{mix} (Total Volume of Mixture)

A. P_B = Barom. Pres. = 30.03 In. Hg x 25.4 = 762.762 mm Hg

B. P_I = Pump Inlet Dpr = 41.1 In. H_2O x 1.868 = 76.7748 mm Hg

C. P_p = Pump Inlet Pres. = $P_B - P_I$ = 685.9872 mm Hg

D. P_O = Pump Outlet Pres. = 6.5 In. H_2O ΔP = 47.6 In. H_2O

E. T_p = Pump Inlet Temp. = 110 °F + 460°F = 570 °R

F. $P_p \div T_p$ = 1.2034

G. N = Pump Revs = 20644 Time = 15 min; RPM = 1376

H. V_O = Pump Vol. per Rev = .2698 ft 3/rev

I. $V_{mix} = \frac{P_p}{T_p} \times N \times V_O \times .69474$ = 4656.5910 ft^3

II. A. Weight Exp.

Cylinder (gms)				
Before = 962.56				
After = 949.79				
Δ = 12.77				

B. Bag Analysis

Bag	Deflection	Range	Concentration (ppm)
Sample	57.0	300	170.54
Bkgd	4.0	300	11.46
		Conc =	159.08

III. Mass Calculation (Mass = $V_{mix} \times 17.3 \times Conc \times 10^{-6}$)

Mass = 12.81 gms

Error = $\frac{\Delta\text{-Mass}}{\Delta} \times 100$ = .31 % (H) (L)

COMMENTS:

QC Use
Approved
Rejected
By

CVS CALIBRATION CALCULATION SHEET

DATA:

Ambient	LFE	CVS Pump
Tamb. 73 °F	ΔP 6.3 "H_2O	Tinlp 72.8 °F
Pb 30.05 "Hg	Tinl 73 °F	Toutp ——— °F
	Pinl 1.64 "H_2O	Pinlp 53.7 "H_2O
LFE Serial No. _____		Poutp 7.2 "H_2O
Constants A _____		Counts 4150
B _____		Time 3.0 Min.
		ΔP 40.9 "H_2O

FORMULAE:

$$AF = (\underset{\text{LFE A}}{\_\_\_\_} - \underset{\text{LFE B}}{\_\_\_\_} \times \underset{\Delta P}{\_\_\_\_}) \div \underset{\Delta P}{\_\_\_\_} = 348.5$$

$$Pcf = (\underset{Pb}{\_\_\_\_} - .0736 \times \underset{Pinl}{\_\_\_\_}) / 29.92 = 1.000$$

$$Q = AF \times Pcf \times Tcf$$

$$Q = \_\_\_\_ \times \_\_\_\_ \times .9900 = 345.12$$

$$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \times \frac{760}{Pp}$$

$$Vo = \frac{\_\_\_\_}{1356.3} \times \frac{532.8}{528} \times 760$$

$$Vo = \frac{\text{~~1345.3~~}}{} \times \_\_\_\_ \times \_\_\_\_ = .2732$$

TEST SITE _____

DATE _____

CVS SERIAL NO _____

P.I.C. _____

CVS CALIBRATION CALCULATION SHEET

DATA:

Ambient	LFE	CVS Pump
Tamb. 73 °F	ΔP 6.19 "H_2O	Tinlp 72.5 °F
Pb 30.05 "Hg	Tinl 73.5 °F	Toutp — °F
	Pinl 1.6 "H_2O	Pinlp 36.1 "H_2O
LFE Serial No.		Poutp 7.2 "H_2O
Constants A		Counts 4140
B		Time 3.0 Min
		ΔP 43.3 "H_2O

FORMULAE:

$AF = (\underset{\text{LFE A}}{\_\_\_\_} - \underset{\text{LFE B}}{\_\_\_\_} \times \underset{\Delta P}{\_\_\_\_}) \div \underset{\Delta P}{\_\_\_\_} = 343$

$Pcf = (\underset{Pb}{\_\_\_\_} - .0736 \times \underset{Pinl}{\_\_\_\_}) / 29.92 = 1.000$

$Q = AF \times Pcf \times Tcf$

$Q = \_\_\_\_ \times \_\_\_\_ \times .9884 = 339.16$

$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \times \frac{760}{Pp}$

$Vo = \frac{\_\_\_\_}{1380.01} \times \frac{532.5}{528} \times 760$

$Vo = \_\_\_\_ \times \_\_\_\_ \times \_\_\_\_ = .2707$

TEST SITE _____

DATE _____

CVS SERIAL NO _____

P.I.C. _____

CVS CALIBRATION CALCULATION SHEET

DATA:

Ambient	LFE	CVS Pump
Tamb. 73 °F	ΔP 6.11 "H_2O	Tinlp 72.0 °F
Pb 30.05 "Hg	Tinl 72.5 °F	Toutp ____ °F
	Pinl 1.6 "H_2O	Pinlp 39.8 "H_2O
LFE Serial No. ____		Poutp 7.0 "H_2O
Constants A ____		Counts 4125
B ____		Time 3.0 Min
		ΔP 46.8 "H_2O

FORMULAE:

$$AF = (\underset{\text{LFE A}}{\_\_\_\_} - \underset{\text{LFE B}}{\_\_\_\_} \times \underset{\Delta P}{\_\_\_\_}) \div \underset{\Delta P}{\_\_\_\_} = .338$$

$$Pcf = (\underset{Pb}{\_\_\_\_} - .0736 \times \underset{Pinl}{\_\_\_\_}) / 29.92 = 1.000$$

$$Q = AF \times Pcf \times Tcf$$

$$Q = \_\_\_\_ \times \_\_\_\_ \times .9917 = 335.33$$

$$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \times \frac{760}{Pp}$$

$$Vo = \frac{\_\_\_\_}{1375.0} \times \frac{532}{528} \times 760$$

$$Vo = \_\_\_\_ \times \_\_\_\_ \times \_\_\_\_ = .2711$$

TEST SITE ____

DATE ____

CVS SERIAL NO ____

P.I.C. ____

CVS CALIBRATION CALCULATION SHEET

4

DATA:

Ambient	LFE	CVS Pump
Tamb. 72 °F	ΔP 6.05 "H_2O	Tinlp 72.0 °F
Pb 30.05 "Hg	Tinl 72.5 °F	Toutp – °F
	Pinl 1.56 "H_2O	Pinlp 41.0 "H_2O
LFE Serial No. _____		Poutp 6.9 "H_2O
Constants A _____		Counts 4133
B _____		Time 3.0 Min
		ΔP 47.9 "H_2O

FORMULAE:

$AF = (\underset{\text{LFE A}}{\_\_\_\_} - \underset{\text{LFE B}}{\_\_\_\_} \times \underset{\Delta P}{\_\_\_\_}) \div \underset{\Delta P}{\_\_\_\_} = 335.3$

$Pcf = (\underset{Pb}{\_\_\_\_} - .0736 \times \underset{Pinl}{\_\_\_\_}) / 29.92 = 1.000$

$Q = AF \times Pcf \times Tcf$

$Q = \_\_\_\_ \times \_\_\_\_ \times 0.9917 = 332.69$

$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \times \frac{760}{Pp}$

$Vo = \frac{\_\_\_\_}{1377.66} \times \frac{532}{528} \times 760$

$Vo = \_\_\_\_ \times \_\_\_\_ \times \_\_\_\_ = .2693$

TEST SITE _____

DATE _____

CVS SERIAL NO _____

P.I.C. _____

5

CVS CALIBRATION CALCULATION SHEET

DATA:

Ambient	LFE	CVS Pump
Tamb. 72 °F	ΔP 6.00 "H_2O	Tinlp 71.8 °F
Pb 30.05 "Hg	Tinl 72 °F	Toutp ____ °F
	Pinl 1.52 "H_2O	Pinlp 43.0 "H_2O
LFE Serial No. ____		Poutp 6.9 "H_2O
Constants A ____		Counts 4118
B ____		Time 3.0 Min.
		ΔP 49.9 "H_2O

FORMULAE:

$$AF = (\underset{\text{LFE A}}{\_\_\_\_} - \underset{\text{LFE B}}{\_\_\_\_} \times \underset{\Delta P}{\_\_\_\_}) \div \underset{\Delta P}{\_\_\_\_} = 332.6$$

$$Pcf = (\underset{Pb}{\_\_\_\_} - .0736 \times \underset{Pinl}{\_\_\_\_}) / 29.92 = 1.001$$

$$Q = AF \times Pcf \times Tcf$$

$$Q = \_\_\_\_ \times \_\_\_\_ \times 0.9933 = 330.57$$

$$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \times \frac{760}{Pp}$$

$$Vo = \frac{\_\_\_\_}{1372.66} \times \frac{531.8}{528} \times 760$$

$$Vo = \_\_\_\_ \times \_\_\_\_ \times \_\_\_\_ = .2699$$

TEST SITE ____

DATE ____

CVS SERIAL NO ____

P.I.C. ____

CVS CALIBRATION CALCULATION SHEET

DATA:

Ambient	LFE	CVS Pump
Tamb. 72 °F	ΔP 5.93 "H_2O	Tinlp 72.0 °F
Pb 30.05 "Hg	Tinl 72.5 °F	Toutp ____ °F
	Pinl 1.50 "H_2O	Pinlp 44.9 "H_2O
LFE Serial No. ____		Poutp 6.8 "H_2O
Constants A ____		Counts 4118
B ____		Time 3.0 Min
		ΔP 51.7 "H_2O

FORMULAE:

$$AF = (\underset{\text{LFE A}}{\_\_\_\_} - \underset{\text{LFE B}}{\_\_\_\_} \times \underset{\Delta P}{\_\_\_\_}) \Big/ \underset{\Delta P}{\_\_\_\_} = 328.8$$

$$Pcf = (\underset{Pb}{\_\_\_\_} - .0736 \times \underset{Pinl}{\_\_\_\_})/29.92 = 1.001$$

$$Q = AF \times Pcf \times Tcf$$

$$Q = \_\_\_\_ \times \_\_\_\_ \times 0.9917 = 326.28$$

$$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \quad \frac{760}{Pp}$$

$$Vo = \frac{\_\_\_\_}{1372.66} \times \frac{532.0}{528} \times 760$$

$$Vo = \_\_\_\_ \times \_\_\_\_ \times \_\_\_\_ = .2679$$

TEST SITE ____

DATE ____

CVS SERIAL NO ____

P.I.C. ____

CVS CALIBRATION CALCULATION SHEET

7

DATA:

Ambient	LFE	CVS Pump
Tamb. 72 °F	ΔP 5.87 "H_2O	Tinlp 71.5 °F
Pb 30.05 "Hg	Tinl 72.0 °F	Toutp — °F
	Pinl 1.46 "H_2O	Pinlp 46.9 "H_2O
LFE Serial No. _____		Poutp 6.7 "H_2O
Constants A _____		Counts 4120
B _____		Time 3.0 Min
		ΔP 53.6 "H_2O

FORMULAE:

$AF = (\underset{\text{LFE A}}{\_\_\_\_} - \underset{\text{LFE B}}{\_\_\_\_} \times \underset{\Delta P}{\_\_\_\_}) \div \underset{\Delta P}{\_\_\_\_} = 325.6$

$Pcf = (\underset{Pb}{\_\_\_\_} - .0736 \times \underset{Pinl}{\_\_\_\_}) / 29.92 = 1001$

$Q = AF \times Pcf \times Tcf$

$Q = \_\_\_\_ \times \_\_\_\_ \times 0.9933 = 323.66$

$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \quad \frac{760}{Pp}$

$Vo = \frac{\_\_\_\_}{1373.33} \times \frac{531.5}{528} \times 760$

$Vo = \_\_\_\_ \times \_\_\_\_ \times \_\_\_\_ = .2669$

TEST SITE _____

DATE _____

CVS SERIAL NO _____

P.I.C. _____

8

CVS CALIBRATION CALCULATION SHEET

DATA:

Ambient	LFE	CVS Pump
Tamb. ——— °F	ΔP 5.8 "H_2O	Tinlp 71.5 °F
Pb 30.06 "Hg	Tinl 72 °F	Toutp ——— °F
	Pinl 1.44 "H_2O	Pinlp 49.4 "H_2O
LFE Serial No. _____		Poutp 6.6 "H_2O
Constants A _____		Counts 4114
B _____		Time 3.0 Min
		ΔP 56.0 "H_2O

FORMULAE:

$$AF = \frac{(\text{LFE A} - \text{LFE B} \times \Delta P)}{\Delta P} = 321.8$$

$$Pcf = (Pb - .0736 \times Pinl)/29.92 = 1001$$

$$Q = AF \times Pcf \times Tcf$$

$$Q = \_\_\_\_ \times \_\_\_\_ \times 0.9933 = 320.01$$

$$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \quad \frac{760}{Pp}$$

$$Vo = \frac{\_\_\_\_}{1371.33} \times \frac{531.5}{528} \times 760$$

$$Vo = \_\_\_\_ \times \_\_\_\_ \times \_\_\_\_ = .2660$$

TEST SITE _____

DATE _____

CVS SERIAL NO _____

P.I.C. _____

CVS CALIBRATION CALCULATION SHEET

DATA:

Ambient	LFE	CVS Pump
Tamb. 72 °F	ΔP 5.72 "H_2O	Tinlp 72.0 °F
Pb 30.06 "Hg	Tinl 73.0 °F	Toutp ____ °F
	Pinl ~~1.21~~ 1.91 "H_2O	Pinlp 52.2 "H_2O
LFE Serial No. ____		Poutp 6.5 "H_2O
Constants A ____		Counts 4116
B ____		Time 3.0 Min.
		ΔP 58.7 "H_2O

FORMULAE:

$AF = (\underset{\text{LFE A}}{\_\_\_\_} - \underset{\text{LFE B}}{\_\_\_\_} \times \underset{\Delta P}{\_\_\_\_}) \div \underset{\Delta P}{\_\_\_\_} = 316.5$

$Pcf = (\underset{Pb}{\_\_\_\_} - .0736 \times \underset{Pinl}{\_\_\_\_}) / 29.92 = 1001$

$Q = AF \times Pcf \times Tcf$

$Q = \_\_\_\_ \times \_\_\_\_ \times 0.9900 = 313.71$

$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \quad \frac{760}{Pp}$

$Vo = \frac{\_\_\_\_}{1372.0} \times \frac{532.0}{528} \times 760$

$Vo = \_\_\_\_ \times \_\_\_\_ \times \_\_\_\_ = .2629$

TEST SITE ____

DATE ____

CVS SERIAL NO ____

P.I.C. ____

CVS CALIBRATION CALCULATION SHEET

DATA:

Ambient	LFE	CVS Pump
Tamb. 72 °F	ΔP 5.66 "H_2O	Tinlp 71.8 °F
Pb 30.06 "Hg	Tinl 72.0 °F	Toutp ____ °F
	Pinl 1.40 "H_2O	Pinlp 53.7 "H_2O
LFE Serial No. ____		Poutp 6.4 "H_2O
Constants A ____		Counts 4114
B ____		Time 3.0 Min
		ΔP 60.1 "H_2O

FORMULAE:

$$AF = (\underset{\text{LFE A}}{\_\_\_\_} - \underset{\text{LFE B}}{\_\_\_\_} \times \underset{\Delta P}{\_\_\_\_}) \div \underset{\Delta P}{\_\_\_\_} = 315.0$$

$$Pcf = (\underset{Pb}{\_\_\_\_} - .0736 \times \underset{Pinl}{\_\_\_\_}) / 29.92 = 1.001$$

$$Q = AF \times Pcf \times Tcf$$

$$Q = \_\_\_\_ \times \_\_\_\_ \times 0.9933 = 313.28$$

$$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \times \frac{760}{Pp}$$

$$Vo = \frac{\_\_\_\_}{1371.33} \times \frac{531.8}{528} \times 760$$

$$Vo = \_\_\_\_ \times \_\_\_\_ \times \_\_\_\_ = .2637$$

TEST SITE ____

DATE ____

CVS SERIAL NO ____

P.I.C. ____

CVS CALIBRATION CALCULATION SHEET

DATA:

Ambient	LFE	CVS Pump
Tamb. 71 °F	ΔP 5.61 "H_2O	Tinlp 71.5 °F
Pb 30.07 "Hg	Tinl 72.5 °F	Toutp _____ °F
	Pinl 1.39 "H_2O	Pinlp 55.5 "H_2O
LFE Serial No. _____		Poutp 6.3 "H_2O
Constants A _____		Counts 4110
B _____		Time 3.0 Min
		ΔP 61.8 "H_2O

FORMULAE:

$$AF = (\underset{\text{LFE A}}{\_\_\_\_} - \underset{\text{LFE B}}{\_\_\_\_} \times \underset{\Delta P}{\_\_\_\_}) \frac{}{\Delta P} = 311.7$$

$$Pcf = (\underset{Pb}{\_\_\_\_} - .0736 \times \underset{Pinl}{\_\_\_\_})/29.92 = 1.002$$

$$Q = AF \times Pcf \times Tcf$$

$$Q = \_\_\_\_ \times \_\_\_\_ \times 0.9917 = 309.61$$

$$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \quad \frac{760}{Pp}$$

$$Vo = \frac{\_\_\_\_}{1370.0} \times \frac{531.5}{528} \times 760$$

$$Vo = \_\_\_\_ \times \_\_\_\_ \times \_\_\_\_ = .2619$$

TEST SITE _____

DATE _____

CVS SERIAL NO _____

P.I.C. _____

CVS CALIBRATION CALCULATION SHEET

(12)

DATA:

Ambient

Tamb. 71 °F

Pb 30.07 "Hg

LFE

ΔP 5.55 "H_2O

Tinl 73.0 °F

Pinl 1.35 "H_2O

CVS Pump

Tinlp 72.5 °F

Toutp — °F

Pinlp 57.7 "H_2O

Poutp 6.3 "H_2O

Counts 4110

Time 3.0 Min

ΔP 64.0 "H_2O

LFE Serial No. _____

Constants A _____

B _____

FORMULAE:

$$AF = \left(\frac{\text{LFE A}}{\_\_\_\_} - \frac{\text{LFE B}}{\_\_\_\_} \times \frac{\Delta P}{\_\_\_\_}\right) \frac{\Delta P}{\_\_\_\_} = 308.4$$

$$Pcf = \left(\frac{Pb}{\_\_\_\_} - .0736 \times \frac{Pinl}{\_\_\_\_}\right)/29.92 = 1.002$$

$$Q = AF \times Pcf \times Tcf$$

$$Q = \_\_\_\_ \times \_\_\_\_ \times 0.9900 = 305.83$$

$$Vo = \frac{Q}{RPM} \times \frac{Tp}{528} \frac{760}{Pp}$$

$$Vo = \frac{\_\_\_\_}{1370.0} \times \frac{532.5}{528} \times 760$$

$$Vo = \_\_\_\_ \times \_\_\_\_ \times \_\_\_\_ = .2608$$

TEST SITE _____

DATE _____

CVS SERIAL NO _____

P.I.C. _____

CVS CALIBRATION SPEED #4 2/12/75 408-14 ANAHEIM

INTERCEPT = 0.295015 SLOPE = -0.000529

DELTA P	VOLUME/REVOLUTION									
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
40.0	0.2738	0.2738	0.2737	0.2737	0.2736	0.2736	0.2735	0.2735	0.2734	0.2734
41.0	0.2733	0.2733	0.2732	0.2732	0.2731	0.2731	0.2730	0.2729	0.2729	0.2728
42.0	0.2728	0.2727	0.2727	0.2726	0.2726	0.2725	0.2725	0.2724	0.2724	0.2723
43.0	0.2723	0.2722	0.2722	0.2721	0.2720	0.2720	0.2719	0.2719	0.2718	0.2718
44.0	0.2717	0.2717	0.2716	0.2716	0.2715	0.2715	0.2714	0.2714	0.2713	0.2713
45.0	0.2712	0.2711	0.2711	0.2710	0.2710	0.2709	0.2709	0.2708	0.2708	0.2707
46.0	0.2707	0.2706	0.2706	0.2705	0.2705	0.2704	0.2704	0.2703	0.2702	0.2702
47.0	0.2701	0.2701	0.2700	0.2700	0.2699	0.2699	0.2698	0.2698	0.2697	0.2697
48.0	0.2696	0.2696	0.2695	0.2695	0.2694	0.2693	0.2693	0.2692	0.2692	0.2691
49.0	0.2691	0.2690	0.2690	0.2689	0.2689	0.2688	0.2688	0.2687	0.2687	0.2686
50.0	0.2686	0.2685	0.2684	0.2684	0.2683	0.2683	0.2682	0.2682	0.2681	0.2681
51.0	0.2680	0.2680	0.2679	0.2679	0.2678	0.2678	0.2677	0.2677	0.2676	0.2675
52.0	0.2675	0.2674	0.2674	0.2673	0.2673	0.2672	0.2672	0.2671	0.2671	0.2670
53.0	0.2670	0.2669	0.2669	0.2668	0.2668	0.2667	0.2666	0.2666	0.2665	0.2665
54.0	0.2664	0.2664	0.2663	0.2663	0.2662	0.2662	0.2661	0.2661	0.2660	0.2660
55.0	0.2659	0.2659	0.2658	0.2657	0.2657	0.2656	0.2656	0.2655	0.2655	0.2654
56.0	0.2654	0.2653	0.2653	0.2652	0.2652	0.2651	0.2651	0.2650	0.2650	0.2649
57.0	0.2649	0.2648	0.2647	0.2647	0.2646	0.2646	0.2645	0.2645	0.2644	0.2644
58.0	0.2643	0.2643	0.2642	0.2642	0.2641	0.2641	0.2640	0.2640	0.2639	0.2638
59.0	0.2638	0.2637	0.2637	0.2636	0.2636	0.2635	0.2635	0.2634	0.2634	0.2633
60.0	0.2633	0.2632	0.2632	0.2631	0.2631	0.2630	0.2629	0.2629	0.2628	0.2628
61.0	0.2627	0.2627	0.2626	0.2626	0.2625	0.2625	0.2624	0.2624	0.2623	0.2623
62.0	0.2622	0.2622	0.2621	0.2620	0.2620	0.2619	0.2619	0.2618	0.2618	0.2617
63.0	0.2617	0.2616	0.2616	0.2615	0.2615	0.2614	0.2614	0.2613	0.2613	0.2612
64.0	0.2611	0.2611	0.2610	0.2610	0.2609	0.2609	0.2608	0.2608	0.2607	0.2607

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APPENDIX E

DYNAMOMETER CALIBRATION CURVES

INERTIA	AHP	IHP
1750	7.7	5.2
2000	8.3	5.6
2250	8.8	6.1
2500	9.4	6.9
2750	9.9	7.5
3000	10.3	7.8
3500	11.2	8.8
4000	12.0	9.6
4500	12.7	10.3
5000	13.4	11.2
5500	13.9	11.6

STA. #1 DYNO CALIBRATION 27 August 1974
By: A. Valencia

DICON LABORATORIES, INC.
A Subsidiary of Northrop Corporation

TESTING SERVICES DIVISION

DYNAMOMETER CALIBRATION DATA

DEPT NO.	SHIFT	TRAIN	DATE	P.I.C.
37	1	1	8-27-74	VALENCIA

4000 ÷ 75.1 X .06073

FORMULA: HPd = 0.06073 (Wi/t)

55 MPH = 2120 46.5 = 1800

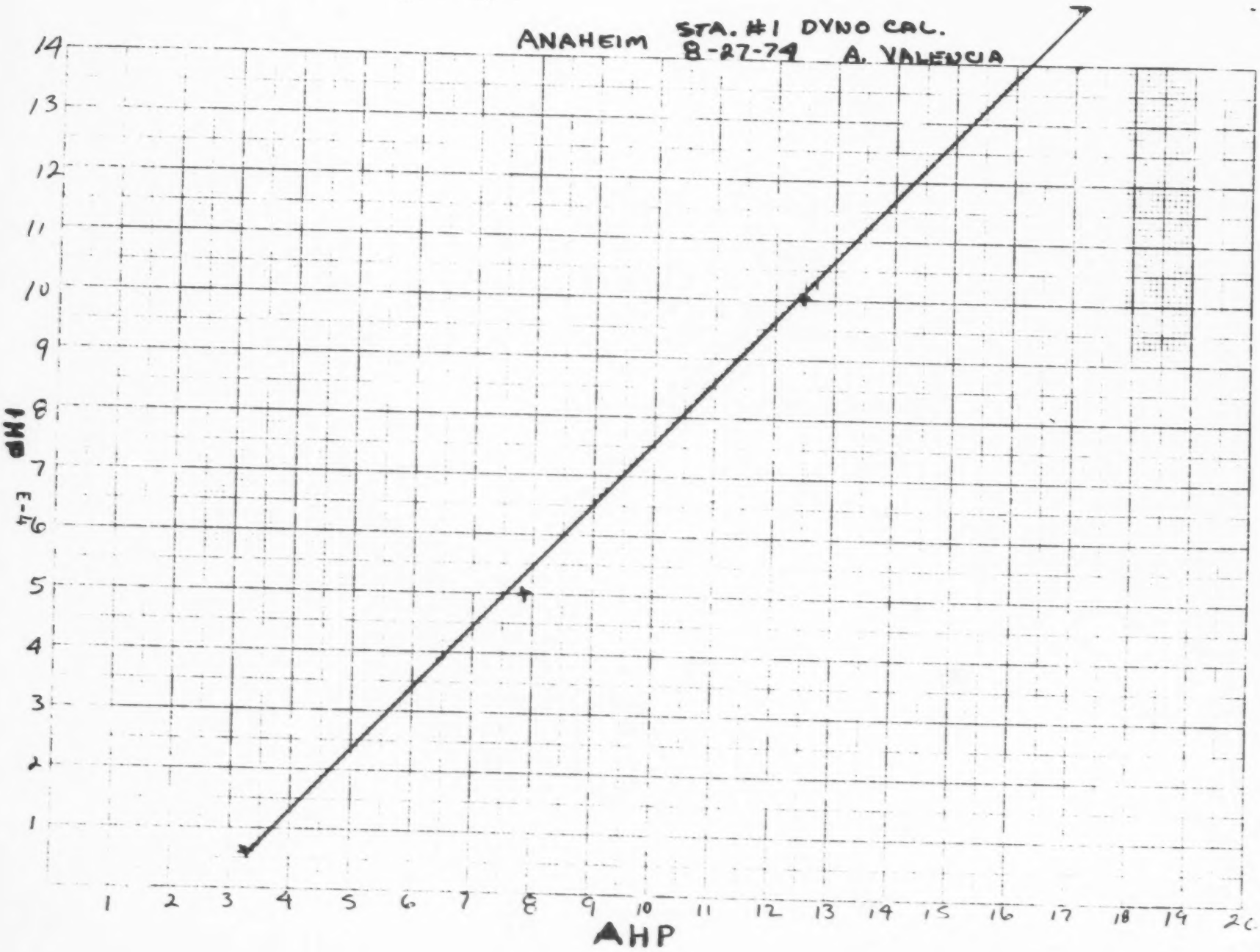
45 MPH = 1740

HPd = ABSORBED ROAD HORSEPOWER
0.06073 = CONSTANT
Wi = EQUIVALENT INERTIA
t = ROLL DOWN TIME (SEC.)

IHP				AHP
(0) .6	0.06073 (4000/	75.1	t_1) =	3.23
	0.06073 (4000/	74.9	t_2) =	3.24
	0.06073 (4000/	75.1	t_3) =	3.23
	0.06073 (4000/	75.2	t_4) =	3.23
				3.23 = AVE. AHP
5	0.06073 (4000/	31.0	t_1) =	7.83
	0.06073 (4000/	31.1	t_2) =	7.84
	0.06073 (4000/	31.1	t_3) =	7.83
	0.06073 (4000/		t_4) =	7.83 = AVE. AHP
10	0.06073 (4000/	19.4	t_1) =	12.52
	0.06073 (4000/	19.6	t_2) =	12.39
	0.06073 (4000/	19.6	t_3) =	12.39
	0.06073 (4000/	19.6	t_4) =	12.39
				1242 = AVE. AHP
15	0.06073 (4000/	14.0	t_1) =	17.3
	0.06073 (4000/	14.4	t_2) =	16.8
	0.06073 (4000/	14.0	t_3) =	17.3
	0.06073 (4000/	14.0	t_4) =	17.3
				17.17 = AVE. AHP
20	0.06073 (4000/	22.50	t_1) =	
	0.06073 (4000/	22.08	t_2) =	
	0.06073 (4000/	22.50	t_3) =	
	0.06073 (4000/	22.08	t_4) =	
				= AVE. AHP

DYNAMOMETER MODEL NO.

SERIAL NO.


ANAHEIM STA. #1 DYNO CAL.
8-27-74 A. VALENCIA
HP
AHP
E-46

INERTIA	AHP	IHP
1750	7.7	5.4
2000	8.3	6.0
2250	8.8	6.5
2500	9.4	7.1
2750	9.9	7.6
3000	10.3	8.0
3500	11.2	9.0
4000	12.0	9.8
4500	12.7	10.5
5000	13.4	11.2
5500	13.9	11.7

STA. #1 DYNO CALIBRATION

By: A. Valencia

7 October 1974

FALCON LABORATORIES, INC.

DYNAMOMETER CALIBRATION DATA

RATING	SHIFT	TRAIN	DATE	PLANT
37	1	A	10-7-74	Valencia

45 M.P.H = 1740
55 MPH = 2110

Formula:

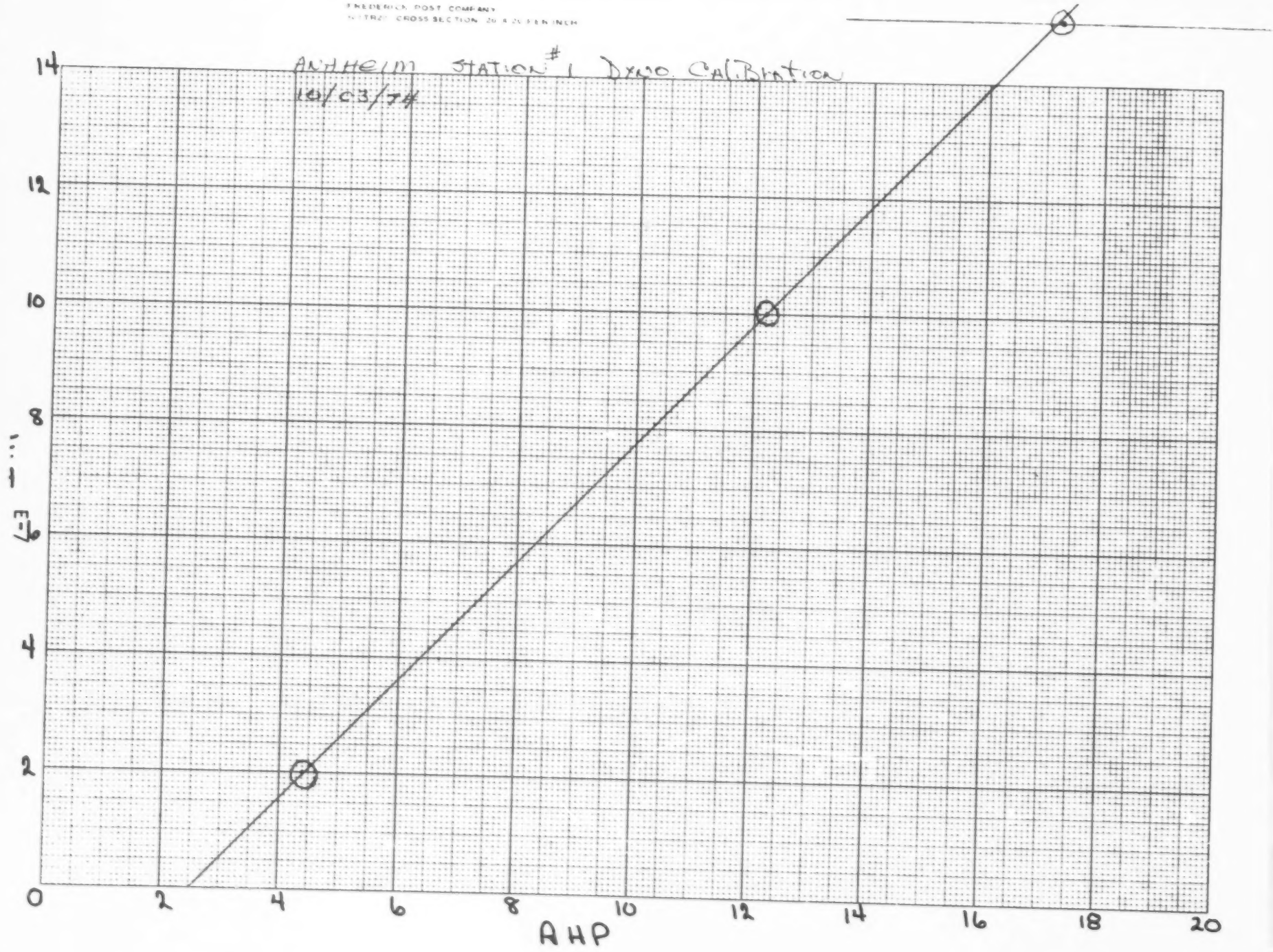
HPd = 0.06073 (Wi/t)

HPd = Absorbed Road Horsepower
0.06073 = Constant
Wi = Equivalent Inertia
t = Roll down time (Sec.)

IHP					AHP
~~(0)~~ 2HP	0.06073 (4000/	54.6	t_1) =	4.45	
	0.06073 (4000/	54.8	t_2) =	4.43	
	0.06073 (4000/	56.0	t_3) =	4.42	
	0.06073 (4000/		t_4) =		
				4.43	= Ave. AHP
5	0.06073 (4000/	~~XXXX~~	t_1) =		
	0.06073 (4000/		t_2) =		
	0.06073 (4000/		t_3) =		
	0.06073 (4000/		t_4) =		
					= Ave. AHP
10	0.06073 (4000/	20.0	t_1) =	12.15	
	0.06073 (4000/	19.6	t_2) =	12.39	
	0.06073 (4000/	20.1	t_3) =	12.09	
	0.06073 (4000/		t_4) =		
				12.21	= Ave. AHP
15	0.06073 (4000/	14.0	t_1) =	17.35	
	0.06073 (4000/	14.0	t_2) =	17.35	
	0.06073 (4000/	14.2	t_3) =	17.11	
	0.06073 (4000/	14.1	t_4) =	17.23	
				17.26	= Ave. AHP
20	0.06073 (4000/	~~XXXX~~	t_1) =		
	0.06073 (4000/		t_2) =		
	0.06073 (4000/		t_3) =		
	0.06073 (4000/		t_4) =		
					= Ave. AHP

Dynamometer model no. ~~27~~
serial no 2785-P

WHITE/SITE FILE CANARY/QUALITY CONTROL PINK/REGIONAL MANAGER


FREDERICK POST COMPANY
CROSS SECTION 20 X 20 PER INCH
ANAHEIM STATION #1 DYNO CALIBRATION
10/03/74
14
12
10
8
6
4
2
0
2
4
6
8
10
12
14
16
18
20
AHP

INERTIA	AHP	IHP
1750	7.7	5.2
2000	8.3	5.8
2250	8.8	6.4
2500	9.4	7.0
2750	9.9	7.5
3000	10.3	7.9
3500	11.2	8.8
4000	12.0	9.7
4500	12.7	10.4
5000	13.4	11.1
5500	13.9	11.6

STA. #1 DYNO CALIBRATION

BY: A. Valencia Date: 11-25-74

OLSON LABORATORIES, INC.

TESTING SERVICES DIVISION

DYNAMOMETER CALIBRATION DATA

DEPT NO.	SHIFT	TRAIN	DATE	P.I.C.
37	1	DYNO 1	11-22-74	VALENCIA

FORMULA: HPd = 0.06073 (Wi/t)

55 mPH = 2120

45 mPH = 1720

HPd = ABSORBED ROAD HORSEPOWER
0.06073 = CONSTANT
Wi = EQUIVALENT INERTIA
t = ROLL DOWN TIME (SEC.)

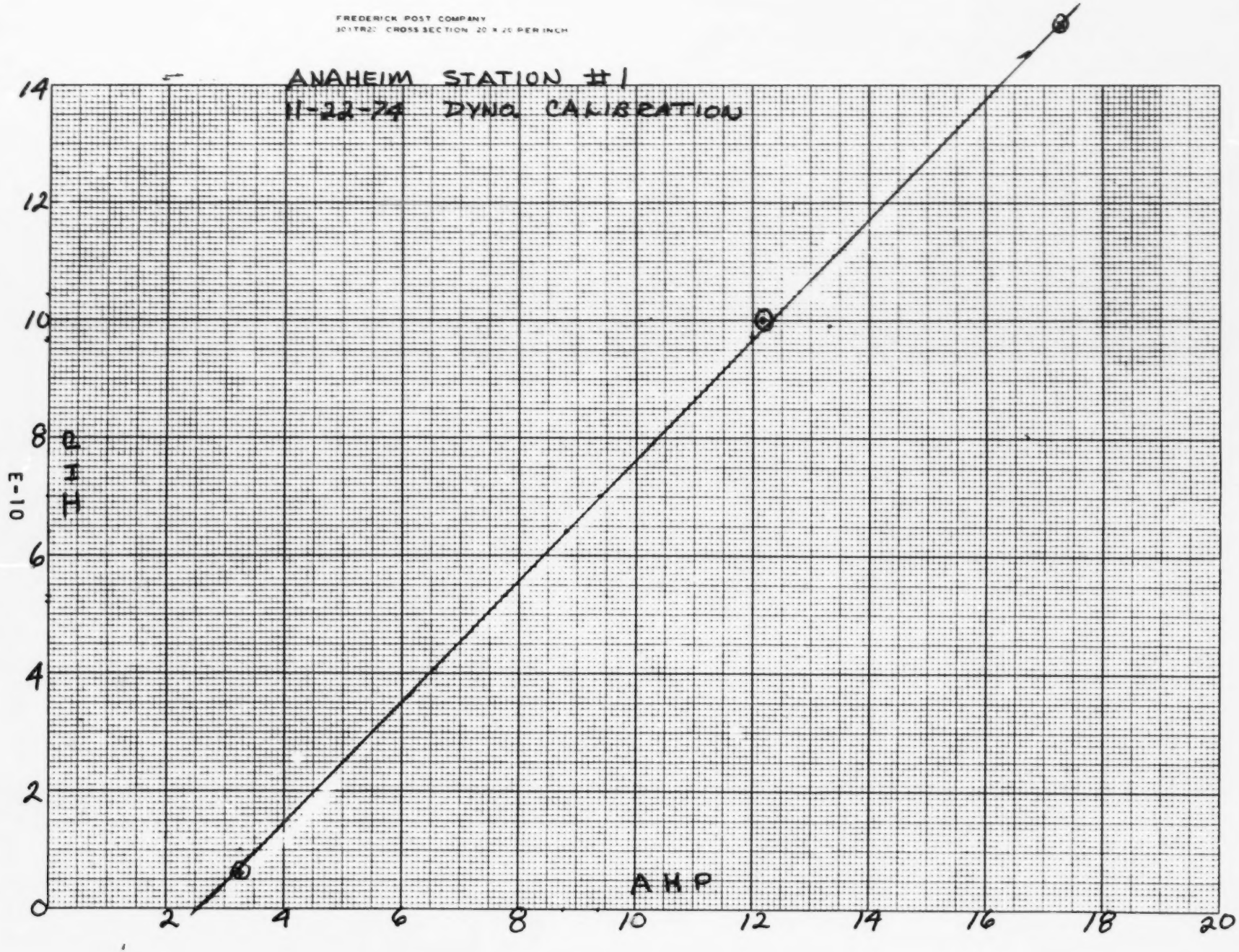
IHP				AHP
(0)	0.06073 (4000/	25.0	t_1) =	3.23
	0.06073 (4000/	24.5	t_2) =	3.26
	0.06073 (4000/	25.0	t_3) =	3.23
	0.06073 (4000/	24.8	t_4) =	3.25
				(32.4) = AVE. AHP
5	0.06073 (4000/		t_1) =	
	0.06073 (4000/		t_2) =	
	0.06073 (4000/		t_3) =	
	0.06073 (4000/		t_4) =	= AVE. AHP
10	0.06073 (4000/	19.98	t_1) =	12.16
	0.06073 (4000/	19.93	t_2) =	12.19
	0.06073 (4000/	19.93	t_3) =	12.19
	0.06073 (4000/	19.92	t_4) =	12.19
		19.95		(12.18) = AVE. AHP
15	0.06073 (4000/	14.2	t_1) =	17.11
	0.06073 (4000/	14.0	t_2) =	17.35
	0.06073 (4000/	14.2	t_3) =	17.11
	0.06073 (4000/	14.0	t_4) =	17.35
				(17.23) = AVE. AHP
20	0.06073 (4000/		t_1) =	
	0.06073 (4000/		t_2) =	
	0.06073 (4000/		t_3) =	
	0.06073 (4000/		t_4) =	
				= AVE. AHP

DYNAMOMETER MODEL NO.

SERIAL NO.

WHITE/SITE FILE CANARY/QUALITY CONTROL PINK/REGIONAL MANAGER

FREDERICK POST COMPANY
301TR20 CROSS SECTION 20 X 20 PER INCH



INERTIA	AHP	IHP
1750	7.7	4.5
2000	8.3	5.1
2250	8.8	5.6
2500	9.4	6.2
2750	9.9	6.7
3000	10.3	7.1
3500	11.2	7.9
4000	12.0	8.7
4500	12.7	9.3
5000	13.4	10.0
5500	13.9	10.5

Station #1 DYNO CALIBRATION

BY: A. MALLOW

DATE: JANUARY 13, 1975

OLSON LABORATORIES, INC.
A Subsidiary of Dana Corporation

TESTING SERVICES DIVISION

DYNAMOMETER CALIBRATION DATA

DEPT NO.	SHIFT	TRAIN	DATE	P.I.C.
37	1	DYNO 1	1-13-75	Mallow

FORMULA: HPd = 0.06073 (Wi/t)

55 mph = 2080
45 mph = 1700

HPd = ABSORBED ROAD HORSEPOWER
0.06073 = CONSTANT
Wi = EQUIVALENT INERTIA
t = ROLL DOWN TIME (SEC.)

IHP				AHP	
(0) .6	0.06073 (4000/	65.7	t_1) =	~~65.7~~	3.73
	0.06073 (4000/	65.7	t_2) =		3.73
	0.06073 (4000/	65.4	t_3) =		3.71
	0.06073 (4000/	65.8	t_4) =		3.69
					3.72 = AVE. AHP
5	0.06073 (4000/	29.3	t_1) =		8.29
	0.06073 (4000/	29.1	t_2) =		8.35
	0.06073 (4000/	29.1	t_3) =	8.35	8.35
	0.06073 (4000/	29.1	t_4) =		8.34 = AVE. AHP
10	0.06073 (4000/	18.4	t_1) =		13.20
	0.06073 (4000/	18.0	t_2) =		13.50
	0.06073 (4000/	18.5	t_3) =		13.13
	0.06073 (4000/	18.4	t_4) =		13.20
					13.26 = AVE. AHP
15	0.06073 (4000/	13.4	t_1) =		18.13
	0.06073 (4000/	13.4	t_2) =		18.13
	0.06073 (4000/	13.0	t_3) =		18.69
	0.06073 (4000/	13.0	t_4) =		18.69
					18.41 = AVE. AHP
20	0.06073 (4000/	10.4	t_1) =		23.36
	0.06073 (4000/	10.0	t_2) =		29.29
	0.06073 (4000/	10.2	t_3) =		23.82
	0.06073 (4000/	10.2	t_4) =		23.82
					23.82 = AVE. AHP

DYNAMOMETER MODEL NO.

SERIAL NO.

WHITE/SITE FILE CANARY/QUALITY CONTROL PINK/REGIONAL MANAGER

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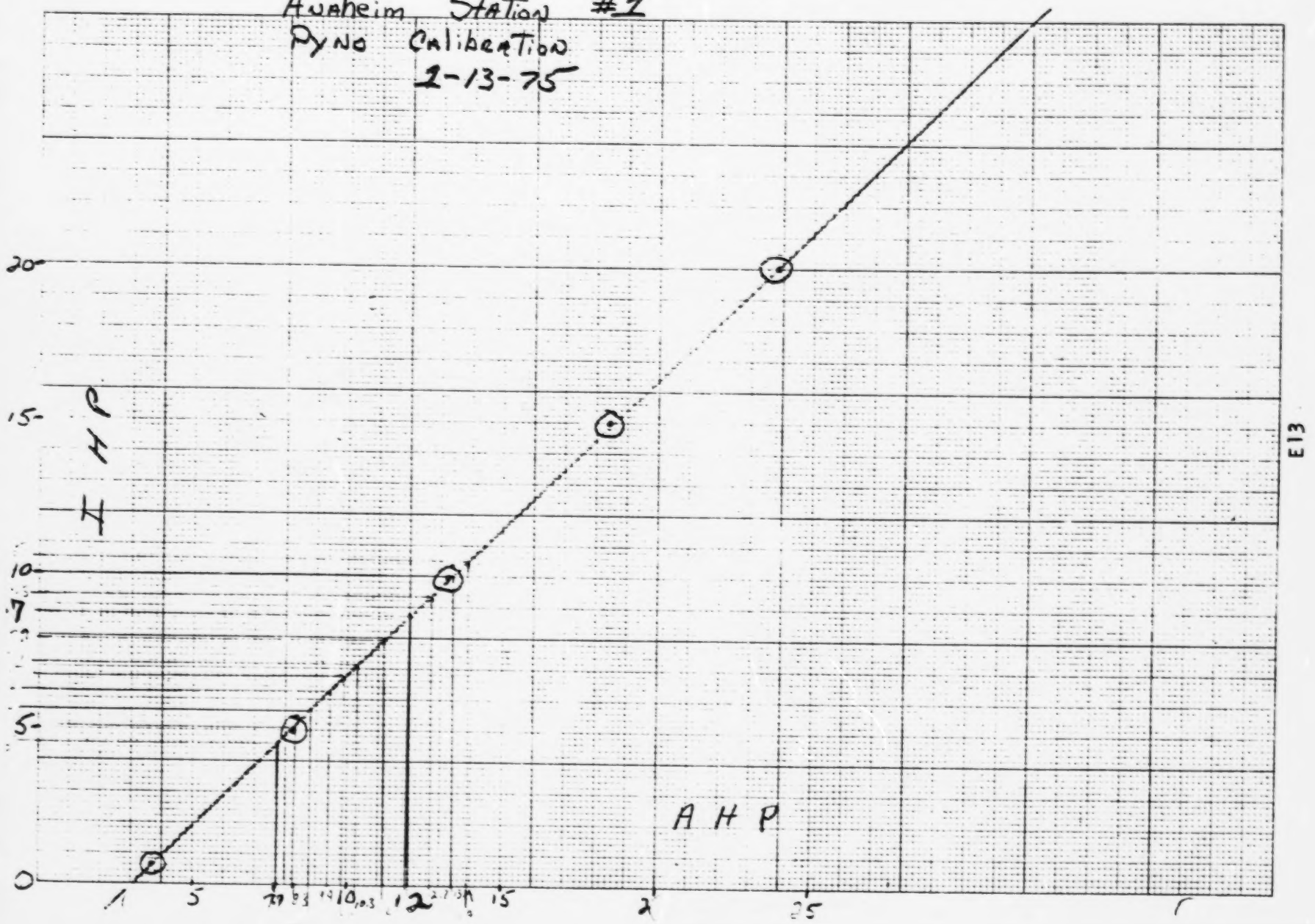


E13

INERTIA	AHP	IHP
1750	7.7	4.4
2000	8.3	5.0
2250	8.8	5.5
2500	9.4	6.1
2750	9.9	6.6
3000	10.3	7.0
3500	11.2	7.8
4000	12.0	8.6
4500	12.7	9.3
5000	13.4	10.1
5500	13.9	10.5

Station #1 - DYNO CALIBRATION

BY: A. Valencia Date: February 8, 1975

CLAYTON LABORATORIES INC.
A Subsidiary of Northrop Corporation

TESTING SERVICES DIVISION

DYNAMOMETER CALIBRATION DATA

DEPT NO.	SHIFT	TRAIN	DATE	P.I.C.
37	1	DYNO #1	2-8-75	VALENCIA

FORMULA: HPd = 0.06073 (Wi/t)

55 MPH 2080

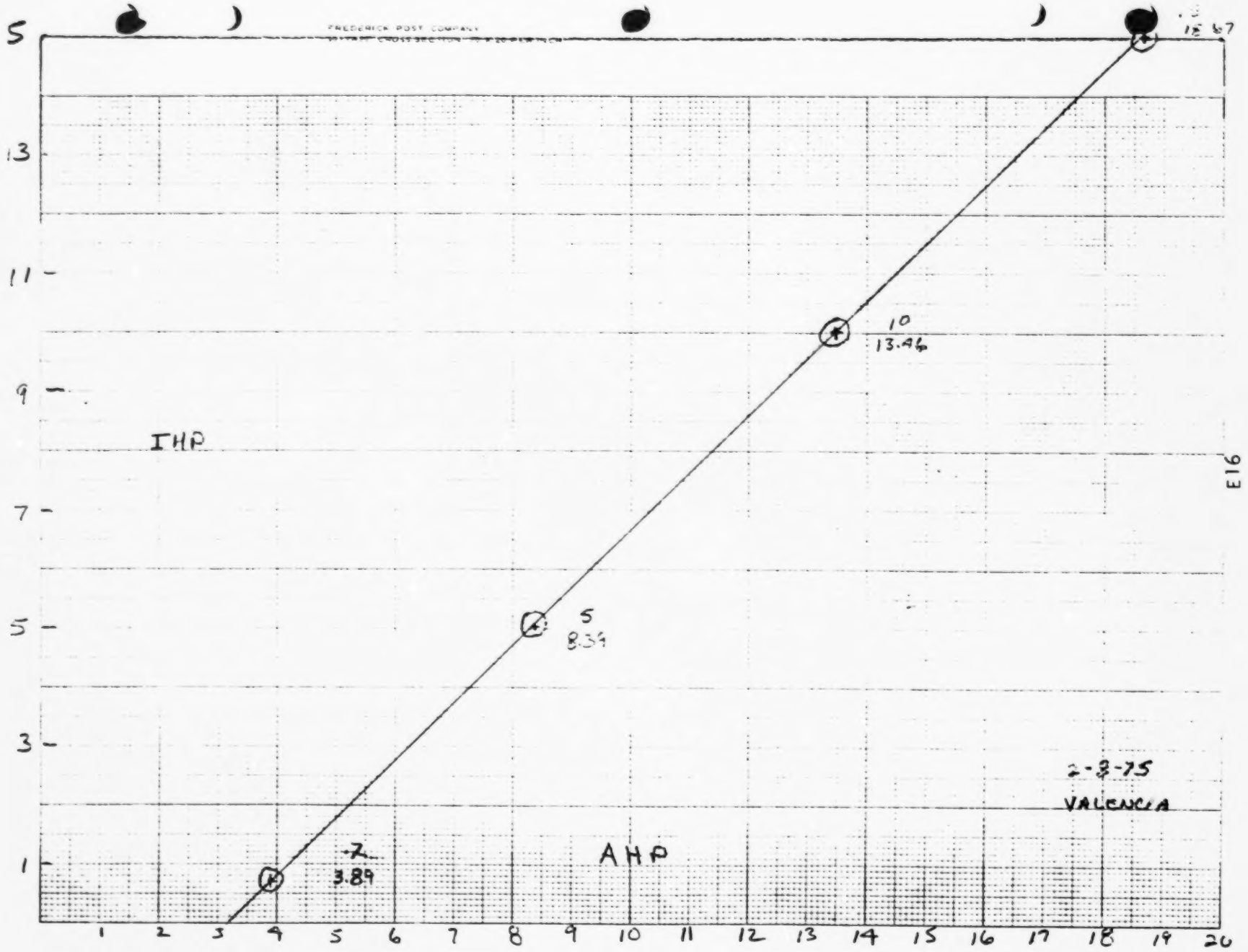
45 MPH 1700

HPd = ABSORBED ROAD HORSEPOWER
0.06073 = CONSTANT
Wi = EQUIVALENT INERTIA
t = ROLL DOWN TIME (SEC.)

IHP				AHP
7	0.06073 (4000/	62.3	t_1) =	3.90
	0.06073 (4000/	62.5	t_2) =	3.89
	0.06073 (4000/	62.7	t_3) =	3.87
	0.06073 (4000/	62.2	t_4) =	3.91
				(3.89) = AVE. AHP
5	0.06073 (4000/	29.0	t_1) =	8.37
	0.06073 (4000/	28.9	t_2) =	8.40
	0.06073 (4000/	28.8	t_3) =	8.43
	0.06073 (4000/	29.0	t_4) =	8.37 = AVE. AHP
				(8.39)
10	0.06073 (4000/	18.1	t_1) =	13.42
	0.06073 (4000/	18.0	t_2) =	13.50
	0.06073 (4000/	18.1	t_3) =	13.42
	0.06073 (4000/	18.0	t_4) =	13.50
				(13.46) = AVE. AHP
15	0.06073 (4000/	13.1	t_1) =	18.54
	0.06073 (4000/	13.0	t_2) =	18.67
	0.06073 (4000/	13.0	t_3) =	18.67
	0.06073 (4000/	13.0	t_4) =	(18.67)
				= AVE. AHP
20	0.06073 (4000/	10.5	t_1) =	23.14
	0.06073 (4000/	10.4	t_2) =	23.36
	0.06073 (4000/	10.4	t_3) =	23.36
	0.06073 (4000/	10.4	t_4) =	23.36
				= AVE. AHP

DYNAMOMETER MODEL NO.

SERIAL NO.


FREDERICK POST COMPANY
5
13
11
9
7
5
3
1
IHP
AHP
2
3.89
5
8.34
10
13.46
15.67
2-3-75
VALENCIA
E16
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Appendix F

FORD CATALYST TEST VEHICLE MAINTENANCE HISTORY

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FORD CATALYST TEST VEHICLE MAINTENANCE HISTORY

CAR NO./ LOCATION	SCHEDULED MAINTENANCE 4K	8K	12K	16K	20K	24K	EPA MINI-PREP[1]	RETROFIT MISFUEL/ FLUSH	SEC. WIRES	POINTS	COIL WIRE	COOLANT RECOVERY	REMARKS
T0234105	4022[1]	7714[3]	11848[1]	15988[3]			17475	1317[1]	11848	4036[1]	1317[1]	3542[3]	
Goldstone	10-8*	12-6	2-15	5-2			8-22	8-21, 7000[1] 11-23	2-15	10-10		10-1	
T0264118	4270[2]	7658[1]					8625		7658[1]	2626[4]	2626[4]		
San Francisco	12-20	5-13					9-18		5-13	10-10	10-10		
T0284101	3771[2]	8000[2]	12107[2]				15140	5800[2]	14255[1]	4332[1]	2479[1]	8000[2]	Green Cat 14255 (5-15)
Sacramento	9-27	12-17	3-8				8-29	10-29	5-15	10-5	8-31	12-17	
T0484104	4000[2]	6089[1]					6967		6089[1]	3347[1]	1800[1]		Green Cat 6089 (5-13)
San Francisco	11-14	5-13					8-22		5-13	10-10	8-30		
T0564137	4383[3]	8078[3]	12167[3]	16256[3]						12203[3]	8918[3]	401[3]	
Goldstone	7-6	8-8	10-1	1-24			10-14			10-02	8-15	6-1	
T0654134	4166[3]	8328[3]	12023[3]	15975[3]						8684[3]	6619[3]		#3 & 7 Plug wires
Goldstone	7-16	9-5	1-2	4-17						10-2	8-15		17574 (6-4)
T0914147	4176[3]	7586[3]	13526[3]						16700[1]	9334[3]			
Goldstone	7-19	9-4	1-22						5-28	10-2			
T0974112	4252[3]	8400[3]	11899[3]	16063[3]	19744[3]		21727			11000[3]	6000[3]		O'heat - 1 Qt ATF 1479[2] (6-8)
Goldstone	7-12	9-4	10-11	1-23	4-15		8-25			10-2	8-16		O'heat 3529[3] (7-5) #2 Plug wire repl 20876 (5-15)
T0994139	4271[3]	8430[3]	15794[3]							11000[3]	6000[3]		Clean & adj choke 19706[3] (4-25)
Goldstone	7-13	9-4	2-1				10-21			10-12	8-15		#2 Plug wire repl 20128 (5-14)
T1004136	4145[3]	8078[3]	12053[3]	15485[3]						10799[3]	8078[3]	1338[3]	R&R Carb 12220[1] (10-27)
Goldstone	7-5	8-16	10-24	3-5			10-9			10-3	8-16	6-1	Adj choke 15835[3] (3-11)

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FORD CATALYST TEST VEHICLE MAINTENANCE HISTORY

CAR NO./ LOCATION	SCHEDULED MAINTENANCE						EPA MINI-PREP[1]	RETROFIT					REMARKS
	4K	8K	12K	16K	20K	24K		MISFUEL/ FLUSH	SEC. WIRES	POINTS	COIL WIRE	COOLANT RECOVERY	
T1064111 Goldstone			11205[1] 12-13				17130 8-29			10-2	8-15		Coil replaced 11205[1] (12-13) Reset timing 11065[1] (12-10) #3 wire repl 16380[1] (5-29)
T1274114 Goldstone	4077[3] 7-2	8447[3] 8-7	12517[1] 9-25		19823[3] 1-22		8-22		19636[1] 1-14	12528[1] 10-1	5428[3] 8-15	3000[3] 6-1	New Cat 12517[1] (9-25) 12K repl repeated @19823[3] (1-22)
T1614144 Sacramento	3911[2] 9-4	8373[2] 10-30	12383[2] 12-17	16109[2] 2-17	19915[2] 3-22	24250[2] 5-14	10-16	4083[4] 9-5		7697[4] 10-10	3721[4] 8-31		Repl EGR 24250[2] (5-14) Oil filter 16109[2] (2-17)
T1624138 Sacramento	4549[2] 11-27	8659[2] 1-8	13336[2] 3-18				10-21			2672[4] 10-15	1417[4] 8-31	8659[2] 1-8	
T1644122 Goldstone	4228[3] 6-21	8267[3] 7-24	12159[3] 8-24 Incomplete	16084[3] 1-2			19741 9-19			14519[1] 9-25	10945[3] 8-15	1165[3] 6-1	12K Redo 14519[1] (9-25) Meas. valve clear 16289[1] (1-17) #3 Plug wire repl 18917[1] (1-29)
T1714116 Sacramento	4060[2] 8-30	6000 9-26	11754[2] 12-20	16314[4] 3-5	20015[4] 5-14		20897 9-12			5463[4] 9-19	4060[2] 8-30		Change Carb 5448[4] (9-14) Throttle sol wire bad 20171 (5-14)
T1754149 Sacramento		8020[2] 5-7					10-16			3314[4] 10-15	1362[4] 8-21		Idle speed reset 624 (8-9) Reset timing, idle 1314 (8-23)
T1764113 Sacramento	4016[2] 11-1	8182[2] 2-19					11220 9-5			3305[2] 10-19	2233[2] 9-24	4016[2] 11-1	Vac line off-lean misfire 3416[2] (10-24)
T1814132 Goldstone	4779[3] 7-3	8074[2] 8-7	11963[3] 9-19	15979[3] 1-9	19480[3] 3-20		10-7			12304[3] 10-2	12304[3] 10-2		1 Qt ATF 4779[3] (7-3) Trans slipping 19584[3] (5-3) Misfire - no work indicated 19584 (5-3) 1 Qt ATF 19480[3] (3-20)

Appendix F

FORD CATALYST TEST VEHICLE MAINTENANCE HISTORY

CAR NO./ LOCATION	SCHEDULED MAINTENANCE						EPA	RETROFIT					REMARKS
	4K	8K	12K	16K	20K	24K	MINI-PREP[1]	MISFUEL/ FLUSH	SEC. WIRES	POINTS	COIL WIRE	COOLANT RECOVERY	
T1894102	2449[4]	5385[4]					6628			3000[4]	3000[4]		New Cat 5417[1] (5-13)
San Francisco	9-19	2-28					8-26			10-10	10-10		Chg Oil & Filter 5951[1] (6-11) Air Filter 2449[4] (9-19) Air Filter & PCV valve 5385[4] (2-28)
T2044106	3748[1]	7921[3]	11937[1]	15942[3]			18958		11937[1]	3773[1]	1137[3]	3107[3]	1 Qt ATF 7921[3] (12-13)
Goldstone	10-10	12-13	2-12	4-22			8-26		2-12	10-16	8-1	10-2	
T2104150	4397[2]	7593[2]	13130[2]	17387[2]						9275[1]		13130[2]	Rotor 7593[2] (10-10)
Sacramento	9-5	10-10	1-8	2-28			10-16			11-7		1-8	
T2194117	3774[2]	8086[2]					10212			3191[4]	2938[4]	3774[2]	Poor drivability, idle, time, dwell 3072 (9-14)
Sacramento	11-27	3-14					8-22			10-15	8-30	11-27	
T2364142	4057[2]	7864[2]								5250[4]	3267[4]		
Sacramento	9-11	1-4					10-14			10-15	8-30		
T2434103	4176[4]	8926[2]	12378[2]				15074			9647[2]	4176[4]	8926	Set Eng to Spec. 4176[4] (8-30)
Sacramento	8-30	12-4	2-15 Incomplete				8-22			12-20	8-30	12-4	Repl #2 & #3 wires 14326[2] (2-28)
T2464135	4248[2]	8645[2]	13565[2]							13565[2]	3740[4]	8645[2]	#3 Plug wire repl, O/S additive
Sacramento	9-26	1-15	3-14				10-9			3-14	8-31	1-15	13565[2] (3-14)
T2494143	4203[2]		11828[2]							4203[2]	1183[4]		Gas Additive 11828[2] (3-26)
Sacramento	11-6		3-26				10-16			11-6	9-20		
T2544141	4224[2]	8170								1603	1603		Repl spark delay valve (SDV) 7716 (2-26)
Sacramento	11-29	3-13								10-15	10-15		O/S additive 8170 (3-13)

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FORD CATALYST TEST VEHICLE MAINTENANCE HISTORY

CAR NO./ LOCATION	SCHEDULED MAINTENANCE						EPA MINI-PREP[1]	RETROFIT					REMARKS
	4K	8K	12K	16K	20K	24K		MISFUEL/ FLUSH	SEC. WIRES	POINTS	COIL WIRE	COOLANT RECOVERY	
T2574129		8705[2]								3978	2596		
Sacramento		4-23					10-4			10-15	8-30		
T2624145										3778	1719	4891	Set timing, fix binding
Sacramento							10-14			10-15	8-31	11-7	choke link 4891 (11-7)
													Repl #2 plug wire 10059 (5-14)
T2674130	4415[4]	8095[2]								4415[4]	2357	4415[4]	Repl air pump 2884[1] (9-6)
Sacramento	10-23	4-1								10-23	8-30	10-23	Clean & adj choke 8095[2] (4-1)
T2714107		8169[4]	12735[2]				15135			9904[2]	6232		Partial 12K 12344[2] (1-7)
Sacramento	8-10	9-1	2-4				9-6	2-27		10-26	8-31		Green Cat 14287 (5-13)
													Fric. free additive @ 4K & 8K
T2754108	4033[2]	8047[2]	11941[2]				14108			8047[2]			Carb pwr valve leak 2005 (7-26)
Sacramento	9-17	11-20	4-3				8-30			11-20	8-30		Hand start & surge - Repair unknown
													8801 (12-13)
T2774125	4499	8053	12141	15903[3]	19828[3]		22676			15741	9707	4499	R&R head to retrieve valve
Goldstone	6-25	8-1	9-6	10-12	4-15		9-24			10-11	8-16	6-25	18081 (1-17)
													SDV found plugged 21739 (5-20)
													R&R dist. to check advance
													22558 (9-23)
T2804133		7712[2]								1105[2]	23		Adj. choke & fast idle,
Sacramento		4-11					10-9			10-23	8-16		Repl SDV 7712 (4-11)
T2844140	4339	8576[2]	12099[2]	15967						8576[2]	4339	12099[2]	
Sacramento	9-4	10-23	12-7	4-19			10-21			10-23	9-4	12-7	

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FORD CATALYST TEST VEHICLE MAINTENANCE HISTORY

CAR NO./ LOCATION	SCHEDULED MAINTENANCE						EPA	RETROFIT					REMARKS
	4K	8K	12K	16K	20K	24K	MINI-PREP[1]	MISFUEL/ FLUSH	SEC. WIRES	POINTS	COIL WIRE	COOLANT RECOVERY	
T2894126	4342[2]	7936[2]	12491[4]	16344[2]			16672			7936[2]	3549		Repl accel pump in carb
Sacramento	9-26	10-25	1-30	4-29			8-3			10-25	8-30		12491 (1-30)
T2974128	4093[2]	8098[2]					9207			3072	2178		Chg oil & filter 8540 (6-11)
Sacramento	11-2	4-16					9-16			10-15	9-24		Air pump belt loose 8323 (5-17)
T2984127	4161	7753[2]					12629			7753[2]	5323		Oil additive 7753[2] (11-9)
Sacramento	8-21	11-9					9-6			11-9	8-30		
T3004148										4524	3724		SDV & spark adv found plugged
Sacramento							10-16			10-15	8-31		7036 (5-15)
T3044115							18545			10439	8917		Repl carb power valve (11-30)
San Diego			11-23				8-26			10-29	8-22		Reset timing & idle speed 11851 (12-3) #3 wire repl 18220 (6-17)
T3104110	4104[1]		11790[1]	15947[2]	19487[2]	21497	21594	4265	11801[1]		6797	11777[1]	Found SDV plugged 8657 (9-25)
San Luis Obispo	7-18		12-3	3-15	6-6	8-12	8-27	7-31	12-3		8-17	11-26	New intake valve & dist cap 11780 (12-3) Repl SDV 16095[2] (3-25)
T3124124			12053[2]				17237			8625	7018	12053[2]	Repl coil wire 12053[2] (1-21)
San Diego			1-21				9-23			10-29	8-27	1-21	
T3234123			12465				18595			9930[1]	9222		Vac line off 9263[1] (8-24)
San Diego			11-16				9-18			10-9	8-20		Set engine to spec. 9930[1] (10-9) Repl #7 plug wire 18093[1] (5-28)
T3294131			13124					15786[1]		12124	9298	15786[1]	No oil or filt chng @ 12K by
San Diego			10-31				10-9	1-18		10-29	8-20	1-18	request. Possible trans problem

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CAR NO./ LOCATION	SCHEDULED MAINTENANCE						EPA	RETROFIT					REMARKS
	4K	8K	12K	16K	20K	24K	MINI-PREP[1]	MISFUEL/ FLUSH	SEC. WIRES	POINTS	COIL WIRE	COOLANT RECOVERY	
T3304109 Fresno	4029[1] 6-29	7984[2] 8-21	11782[1] 11-16	2-19		23918 8-12	24037 8-26	7986 9-24 20453 5-10	15954 2-22	10338 10-11	6709 8-14		Oil chgd at 7100 Bad plug wire noted 2-19
T3394146 San Diego			11828[2] 3-28				10-15			4788 10-4	3945 8-27		Loose hose AIR chk valve 8 (4-14) Repl #4 plug wire 4774 (10-1) Adj timing (1-10)
T3414121 San Diego		8433[2] 8-30	11-26				19849 9-6	8-30		10172 10-29	8169 8-20		Repl sec coil wire 8444 (8-30) Scope engine (3-1) R&R air pump (5-13) Scope engine, Repl #7 plug wire 19717 (6-19)
T3434120 San Diego			12-4 or 2-2				16546 9-4			10597 10-30	8384 8-22		Wiring harness open ckt 143507 (12-14)
T3494119 San Diego			12000[2] 12-10				18300 9-5	13006[1] 1-16		10012 10-29	8106 8-20	13021[1] 1-16	Reset timing 10014 (11-13) Reset timing 10923 (11-30) R&R SDV & set idle speed 10014 (11-13) Repl #3 & #7 plug wires 17794 (5-16)

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CAR NO./ LOCATION	SCHEDULED MAINTENANCE 4K	8K	12K	16K	20K	24K	EPA MINI-PREP[1]	RETROFIT MISFUEL/ FLUSH	SEC. WIRES	POINTS	COIL WIRE	COOLANT RECOVERY	REMARKS
T0534151	4102[1]	8074[2]	12132[1]	15859[3]	19625[3]	23770[1]		4127	12132[1]	7626[1]	4102[1]	8074[2]	Elec choke wire off 4102[1] (9-10)
San Diego &	9-5	11-2	12-14	4-1	7-3	7-17		9-24	12-14	10-30	9-5	11-12	28K 28196[3] (9-10)
Goldstone								No action	**				32K 32240[3] (10-25)
													36K 35200[1] (12-3)
T1194153	4189[1]	8173[3]	11793[1]	15914[3]	19598[3]	23673[2]		1307	11804[1]	4211	2059	4188	Repl #2 plug wire 11793[1] (1-16)
Goldstone	10-2	11-16	1-16	3-13	5-2	7-17		7-25	1-22	10-8	8-1	10-3	28K 28142[3] (9-11)
													32K 32143[3] (11-1)
													36K 34632[3] (12-3)
T1204156	3686[1]	7741[3]	11844[1]	15887[3]	19542[3]	24192[1]			13933[3]	7581[1]	3697[1]		Loose coil wire 2604 (7-17)
Goldstone	8-2	10-16	1-17	3-25	5-8	7-17			2-22	10-12	8-6		Repl dump valve 2735 (7-19)
													Set engine to spec 13000 (2-20)
													28K 28550[3] (9-18)
													32K 32335[3] (11-5)
													36K (12-10)
T1234157	3753[1]	8218[3]	11978[1]	15997[3]	19593[3]	23880[2]			11978[1]	3765	2169	3776	28K 27828 (9-10)
Goldstone	9-25	12-3	1-31	4-1	5-7	7-17			1-31	10-1	8-1	10-3	36K (12-3)
T3074160	4066[1]	7931[1]	11762[1]	15990[2]	20214[2]	23984[1]		11762[1]	18957[2]	8208[1]	6550	15990[2]	SDV plugged, vac hose off air
San Luis	7-9	9-13	11-14	2-5	4-29	7-17		11-14	4-16	9-27	8-20	2-5	cleaner 8160 (9-17)
Obispo													32K 30445 (10-21)
													36K (12-6)
T3244158	4199[1]	8024[2]	12242[2]	15643	20641[2]	23776[1]		1813[2]	23776[1]	12252[1]	8102[1]		32K 31238 (11-7)
San Luis	6-21	8-22	10-11	12-21	4-10	6-21		5-23	6-21	10-17	8-14		36K (12-6)
Obispo								16245[2]					
								1-9					

Appendix F

FORD CATALYST TEST VEHICLE MAINTENANCE HISTORY

CAR NO./ LOCATION	SCHEDULED MAINTENANCE						EPA MINI-PREP[1]	RETROFIT					REMARKS
	4K	8K	12K	16K	20K	24K		MISFUEL/ FLUSH	SEC. WIRES	POINTS	COIL WIRE	COOLANT RECOVERY	
T3364155 Sacramento	4159[1] 7-16		11774[1] 11-28			23751[1] 7-17		8806[1] 10-5		8818[1] 10-9	4854[2] 8-1		Holes in Cats 4304 (7-30) Set dwell & timing 8806 (10-5) Repl #2 plug wire 11774 (11-28) 36K (12-3) Carb pwr valve leak 2005 (1-7) Hand start & surge - Rep
T3584159 Sacramento	4178[1] 8-2		11991[1] 11-20			23800[1] 6-6		11991[1] 11-20 15632 3-18 No action	23789[1] 6-3	12003[1] 11-26	4178[1] 8-7	11991[1] 11-20	Crimp coil wire, R&R Cats 1456[1] (7-9) New Cats 4178[1] (8-7) Vac hose off air cleaner, #1 plug wire loose, therm air hose pinched, replace therm check valve 4327 (8-10) Repl #2 plug wire 11991 (11-20) 36K (12-4)
T3734154 Sacramento and Bishop	4116[1] 7-17		12008[1] 10-13			23758[1] 5-22			23758[1] 5-22	12020[1] 10-17	6355 8-16		Stock points repl 8228[2] (8-31) Set to spec 29000[2] (8-20) 36K 35556[1] (12-3)
T3784152 Fresno	4225[1] 8-11		12343[1] 12-3			24064[1] 7-2			12343 12-7 **	9589 10-16	4211 8-7		Set to spec 1849[1] (6-12) Dist gear pin repl 10155 (10-24) 36K (12-3) R&R old cats 10449 (11-6)

NOTES:

1. [1]Ford Motor Company
2. [2]Ford Dealer
3. [3]Interagency Motor Pool
4. [4]Not identified (Dealer assumed)
5. Blank spaces indicate unknown factor or action not performed
6. *Calendar dates run from May 1973 thru December 1974
7. **Essex wire set used, otherwise Prestolite